Drinking Water Surveillance Program

PORT DOVER WATER SUPPLY SYSTEM

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PORT DOVER
WATER SUPPLY SYSTEM

DRINKING WATER SURVEILLANCE PROGRAM

ANNUAL REPORT 1988

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EXECUTIVE SUMMARY

DRINKING WATER SURVEILLANCE PROGRAM

PORT DOVER WATER SUPPLY SYSTEM
1988 ANNUAL REPORT

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. Currently, 52 plants are being monitored.

The Port Dover Water Supply System consists of a conventional treatment plant which treats water from Lake Erie and an infiltration pond. The process consists of coagulation, flocculation, sedimentation, filtration and disinfection. The Port Dover plant has a design capacity of 11.4 X 1000 M^3/day. The Doan's Hollow Infiltration Pond is used as an additional source and once chlorinated makes up approximately 20 to 30 percent of the water supplied to Port Dover. Both sources supply a population of approximately 4,700.

Water samples from the plant: raw and treated; Doan's Hollow: raw and treated and two distribution system sites were taken on a monthly basis and analysed for 160 parameters. Parameters were divided into the following groups: Bacteriological, Inorganic and Physical (Laboratory Chemistry, Field Chemistry and Metals) and Organic (Chloroaromatics, Chlorophenols, Pesticides and PCB, Phenolics, Polynuclear Aromatic Hydrocarbons, Specific Pesticides and Volatiles). Chlorophenols and Specific Pesticides were analysed in June and November only.

A summary of results is shown in Table 1.

Inorganic and Physical parameters were below any applicable health related ODWOs.

Of a total of approximately 110 Organic parameters tested for on a monthly basis, none exceeded health related guidelines.

During 1988 the DWSP sampling results indicated that the Port Dover Water Supply System produced good quality water at the plant and this quality was maintained in the distribution system.

TABLE 1

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE BY SCAN (1988)

SCAN	PORT DOVER												DOANS HOLLOW					
	RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
	TESTS	POSITIVE	%POSITIVE	TESTS	POSITIVE	%POSITIVE	TESTS	POSITIVE	%POSITIVE	TESTS	POSITIVE	%POSITIVE	TESTS	POSITIVE	%POSITIVE	TESTS	POSITIVE	%POSITIVE
BACTERIOLOGICAL	41	34	82	54	17	31	30	9	30	37	11	29	30	30	100	53	29	54
CHEMISTRY (FLD)	38	37	97	70	69	98	113	113	100	113	113	100	24	24	100	46	46	100
CHEMISTRY (LAB)	226	190	84	245	176	71	379	322	84	395	334	84	185	150	81	184	139	75
METALS	288	167	57	288	119	41	494	275	55	516	273	52	216	100	46	216	105	48
CHLOROAROMATICS	168	0	0	154	0	0	154	0	0	154	0	0	112	0	0	126	0	0
CHLOROPHENOLS	12	0	0	12	0	0	.	.	.	.	.	.	6	0	0	6	0	0
PAH	204	0	0	204	0	0	.	.	.	.	.	.	153	0	0	153	0	0
PESTICIDES & PCB	383	0	0	375	0	0	364	0	0	362	0	0	277	0	0	298	0	0
PHENOLICS	11	2	18	12	2	16	.	.	.	.	.	.	9	1	11	9	0	0
SPECIFIC PESTICIDES	57	0	0	57	0	0	1	0	0	1	0	0	17	0	0	17	0	0
VOLATILES	285	6	2	277	41	14	250	36	14	250	34	13	227	0	0	223	28	12
TOTAL	1713	436		1748	424		1785	755		1828	765		1256	305		1331	347	

NO HEALTH RELATED GUIDELINES WERE EXCEEDED

A POSITIVE VALUE DENOTES THAT THE RESULT IS GREATER THAN THE STATISTICAL LIMIT OF DETECTION AND IS QUANTIFIABLE
A '.' INDICATES THAT NO SAMPLE WAS TAKEN

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INTRODUCTION

The Drinking Water Surveillance Program (DWSP) for Ontario is a monitoring program providing immediate, reliable, current information on drinking water quality. The DWSP officially began in April 1986 and is designed to eventually include all municipal supplies in Ontario. Currently, 52 plants are being monitored.

The DWSP was initiated for the Port Dover Water Supply System in the spring of 1987. An annual report was published for 1987 (ISSN 0840-5328).

This report contains information and results for 1988.

PLANT DESCRIPTION

The Port Dover Water Supply System consists of a conventional treatment plant which treats water from Lake Erie and an infiltration pond. The process consists of coagulation and flocculation (upflow clarifier), sedimentation, filtration and disinfection. Water from the Doan's Hollow Infiltration pond is

chlorinated prior to distribution. This source supplies approximately 20 to 30 percent of the total amount of treated water to Port Dover. The treatment plant has a design capacity of 11.4 x 1000 m^3/day and flows on day of sampling ranging from 1.7 x 1000 m^3/day to 3.8 x 1000 m^3/day. The Doan's Hollow Infiltration pond has sample day flows of 1.2 x 1000 m^3/day. The Port Dover plant in conjunction with Doan's Hollow serves a population of approximately 4,700.

The plant location is shown in Figure 1. Plant process details, in a block schematic, are shown in Figure 2. General plant information is presented in Table 2.

METHODS

Water samples were obtained from six DWSP approved locations;

a) Water Treatment Plant

i) Raw - The water originated from the lowlift discharge prior to chlorination and was sampled through a stainless steel sample line. The sample tap is located in the bathroom sink.

ii) Treated - The water originated from the highlift discharge after addition of all treatment chemicals and was sampled through a stainless steel sample line. The sample tap is located by the highlift pumps.

b) Doan's Hollow Infiltration Pond

i) Raw - The water originated from the infiltration pond and was sampled through a stainless steel sample line. The sample tap is located in the pump house at the dam.

ii) Treated - The water originated from the highlift pump discharge and was sampled through a stainless steel sample line. The sample tap is located in the pump house at the dam.

c) Distribution System

i) Site 1 - This site is closest to the plant, the exact distance is not available.

ii) Site 2 - This site is farthest from the plant, the exact distance is not available.

Sample lines in the plant and at the infiltration pond were flushed prior to sampling to ensure that the water obtained was indicative of its origin and not residual water standing in the sample line.

At all distribution system locations two types of samples were obtained: a standing and a free flow. The standing sample consisted of water that had been in the household plumbing and service connection for a minimum of six hours. These samples are used to

FIGURE 1

DRINKING WATER SURVEILLANCE PROGRAM

SITE LOCATION MAP

PORT DOVER WATER SUPPLY SYSTEM

FIGURE 2

PORT DOVER WATER TREATMENT PLANT

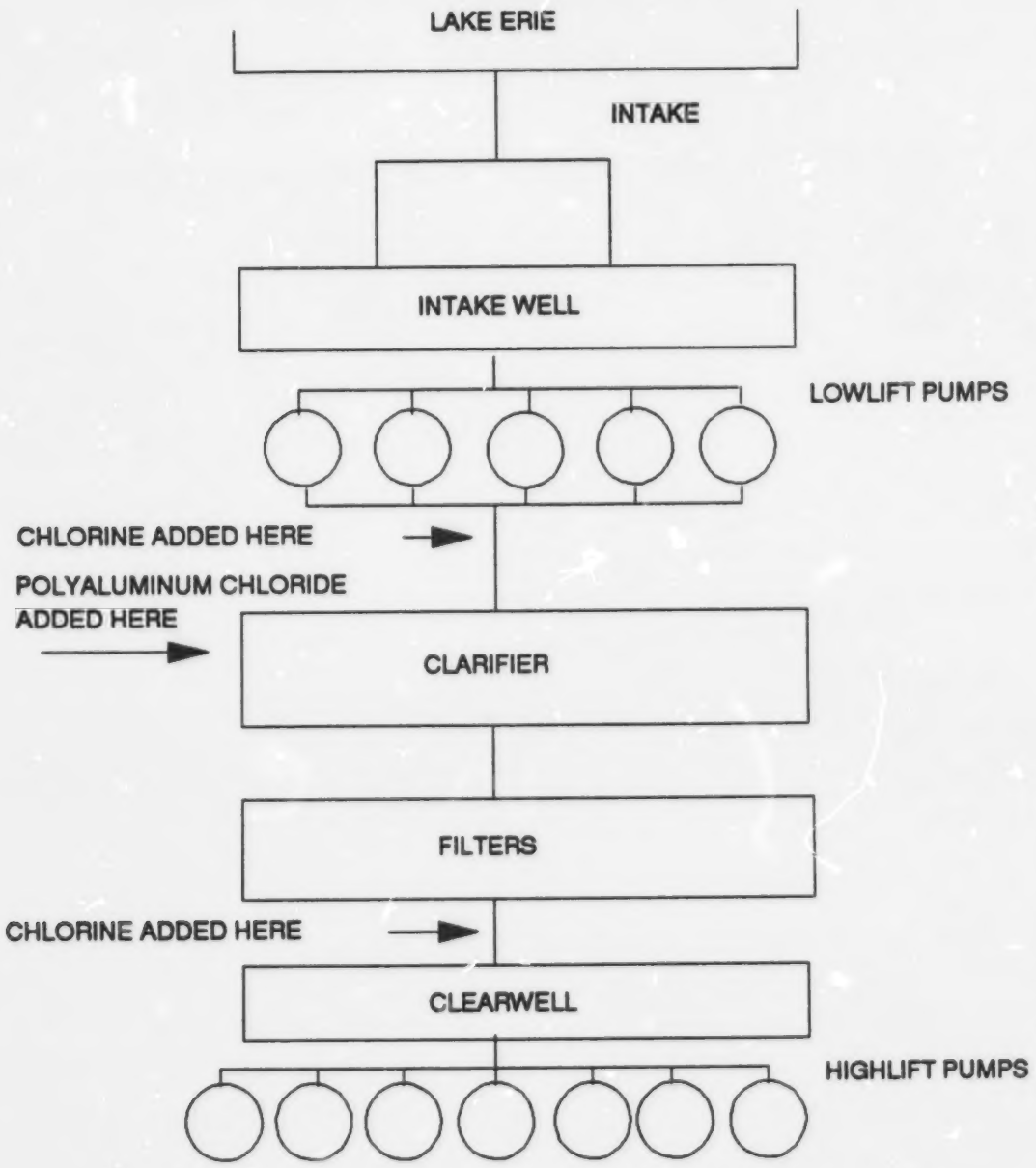

TABLE 2

DRINKING WATER SURVEILLANCE PROGRAM ANNUAL REPORT

GENERAL INFORMATION

PORT DOVER WATER SUPPLY SYSTEM

LOCATION:	316 NELSON STREET PORT DOVER, ONTARIO N0A 1N0 (519-583-1930)
SOURCE:	RAW WATER SOURCE - LAKE ERIE
RATED CAPACITY:	11.4 (1000 M^3/DAY)
OPERATION:	MUNICIPAL
PLANT SUPERINTENDENT:	W. WIGHT
MINISTRY REGION:	WEST CENTRAL
DISTRICT OFFICER:	MR. P. ROSTERN

MUNICIPALITY SERVED	POPULATION
PORT DOVER	4,682

make an assessment of the amount by which the levels of inorganic compounds and metals may be changed on standing, due to leaching from (or deposition on), the plumbing system. The only analysis carried out on the standing samples therefore, are General Chemistry and Metals. The free flow sample represented fresh water from the distribution main that had been flowing at the sample tap for five minutes before being sampled.

Attempts were made to capture the same block of water at each sampling point by taking the retention time into consideration. The retention time was calculated by dividing the volume of water between the two sampling points by the sample day flow. For example, if it was determined that the retention time within the plant was five hours then there would be a five hour interval between the raw and treated sampling. Similarly, if it was estimated that it took approximately one day for the water to travel from the plant to the distribution system site, this site would be sampled one day after the treated water from the plant.

Stringent DWSP sampling protocols were followed to ensure that all samples were taken in a uniform manner.

Sample day flow, treatment chemical dosages and field measurements such as Turbidity, Chlorine Residuals, pH and Temperature were recorded on the day of sampling and were entered onto the DWSP data base as submitted.

RESULTS

The Port Dover Treatment Plant and two distribution system locations were sampled for approximately 160 parameters on a monthly basis. The Doan's Hollow Infiltration Pond was sampled monthly with the exception of Februaury and May. The Specific Pesticides and Chlorophenols scans were sampled in June and November only. Polynuclear Aromatic Hydrocarbons and Phenolics are only analysed in the raw and treated water at the plant. As a result of an unforeseen emergency the laboratory capacity was exceeded and analysis for volatiles could not be carried out when the samples were received. Since analysis for volatiles is no longer valid after four weeks of storage, volatile results for January and February are not available.

Table 3 contains information on the sample day retention time, flow rate and treatment chemicals used and their associated dosages.

Table 4 is a summary break-down of the number of water samples analysed by parameter and by water type. The number of times that a positive or trace result was detected is also reported.

Positive denotes that the result is greater than the statistical limit of detection established by the Ministry of the Environment (MOE) laboratory staff and is quantifiable. Trace (<T) denotes

that the level measured is greater than the lowest value detectable by the method but lies so close to the detection limit that it cannot be confidently quantified.

Table 5 presents the results for parameters detected on at least one occasion.

Table 6 lists all parameters analysed in the DWSP.

Associated guidelines and detection limits are also supplied on tables 5 and 6. Parameters are listed alphabetically within each scan.

DISCUSSION

General

Water quality is judged by comparison with the Ontario Drinking Water Objectives (ODWO's) as defined in the 1984 publication (ISBN 0-7743-8985-0). The Province of Ontario has health related and aesthetic objectives for 49 parameters, these are currently under review. When an ODWO is not available guidelines/limits from other agencies are consulted. The Parameter Listing System (PALIS) recently published (ISBN 0-7729-4461-X) by the MOE catalogues and keeps current over 1750 guidelines for 650 parameters from agencies throughout the world.

Although some of the parameters measured on DWSP may be present in the raw and treated water as a result of pollution, many of the compounds detected are naturally occuring or are treatment by-products.

Plant operational personnel address occurrences of taste and odour or biological water quality parameters. The DWSP does not assess these aspects of the water supply.

As stated under Results, traces do not indicate quantifiable results as defined by established MOE laboratory analytical reporting protocols. While they can be useful in trend analysis or confirmation of the presence of a specific contaminant that is repeatedly detected at these levels, the occasional finding of a trace level of a contaminant is not considered to be significant. **DISCUSSION OF GUIDELINES AND LIMITS THEREFORE, IS ONLY CONDUCTED ON POSITIVE RESULTS.**

Bacteriology

Positive results for the Bacteriology scan were present seventeen times in the treated water from the plant, twenty-nine times in the Doan's Hollow treated water, nine times in the Site 1 water and eleven times in the Site 2 water. The positive parameters were mostly Standard Plate Count, Total Coliform and/or Total Coliform Background and Presence/Absence test.

Coliforms were detected in the June, July and August Doan's Hollow treated water and in the July Site 2 water as the result of a positive Presence/Absence bottle. Total Coliforms were detected five times in the Doan's Hollow treated water by the membrane filtration test. None exceeded the ODWO of 5 counts/100 mL.

Aeromonas was detected twice in the Doan's Hollow treated water as the result of a positive Presence/Absence test and once in the Port Dover treated water.

Standard Plate Count is a test used to supplement routine analysis for Coliform bacteria. The limit for Standard Plate Count (at 35°C after 48 hours) in the ODWOs is 500 organisms per mL (based on a geometric mean of 5 or more samples). High Standard Plate Counts were present in the July, August and November plant treated water, the September Site 1 water, the June and July Site 2 water and the June, July and August Doan's Hollow treated water. While no indicators of unsafe water were detected at this time, the high Standard Plate Count may generally be a result of the higher temperatures in the summer months. A total Chlorine Residual of at least 0.05 mg/L was detected in all water samples. No samples contained bacteriological results over any applicable health related ODWOs. These limited results may indicate some deterioration in treated and distributed water quality, particularly in the summer months.

Guidelines for bacteriological sampling and testing of a supply are developed to maintain a proper supervision of its bacteriological quality; the routine monitoring program usually requires the taking of multiple samples in a given system. Full interpretation of bacteriological quality cannot be made on the basis of single samples. Further, bacteriological limits were developed in acknowledgement that the presence of coliforms may be detected due to their non-uniform distribution throughout the distribution system and the fact that their enumeration is subject to considerable variation. For these reasons, the occasional finding of low numbers of coliform organisms is not unexpected. Routine bacteriological monitoring, as outlined in the ODWOs is carried out by the operating authority.

Inorganic and Physical

Laboratory and Field Chemistry

The results for the Laboratory Chemistry and Field Chemistry scans were below any applicable health related ODWOs.

The aesthetic ODWO of 5 True Colour Units (TCU) was exceeded in the July Doan's Hollow treated water. Colour in drinking water may be due to the presence of natural or synthetic organic substances as well as certain metallic ions.

The ODWO recommend a hardness level of between 80 and 100 mg/L as calcium carbonate for domestic waters, to provide an acceptable balance between corrosion and incrustation. Water supplies with a hardness greater than 200 mg/L are considered poor, and would possess a tendency to form scale deposits and result in excessive soap consumption. The treated plant water had hardness values ranging from 126 mg/L to 145 mg/L, the Doan's Hollow treated water had hardness values ranging from 222 to 281 mg/L.

Some European Economic Community (EEC) guidelines for parameters related to hardness ie. Conductivity and Calcium, were also exceeded in some samples as a result of the high hardness levels. Conductivity values for the Doan's Hollow water ranged from 476 to 538 umho/cm.

The Langelier Index is used extensively in estimating the corrosion potential of water. An increasingly negative index indicates the increasing possibility of corrosion. It is considered sound engineering practice to maintain a slightly positive Langelier Index. The Langelier Index for the Port Dover water supply from both sources is consistently positive.

It is desirable that the Temperature of drinking water be less than 15°C; the palatability of water is enhanced by its coolness. A temperature below 15°C will tend to reduce the growth of nuisance organisms and hence minimize associated taste, colour, odour and

corrosion problems. The temperature of the delivered water may increase in the distribution system due to the warming effect of the soil in late summer and fall and/or as a result of higher temperatures in the source water. The desired ODWO was exceeded nine times in the plant treated water and free flow distributed water.

Turbidity in water is caused by the presence of suspended matter such as clay, silt, colloidal particles, plankton and other microscopic organisms. The most important potential health effect of Turbidity is its interference with disinfection in the treatment plant and the maintenance of a chlorine residual. The ODWO of 1 Formazin Turbidity Unit (FTU) is only applicable to treated water leaving the plant.

Metals

The results reported for the Metals scan were below any applicable health related ODWOs.

Iron and Manganese levels were lower in the treated water as compared to the raw water. This is a result of the treatment process. The addition of Alum as a coagulant to the raw water and the resulting coagulation/settling process has been shown to reduce the levels of most metals.

Elevated levels of Copper, Lead and Zinc were detected in the

standing samples as compared to the free flow distribution samples, indicating that very small quantities of these metals were leached from the household plumbing as the water stood overnight. Nickel levels in most of the Site 1 standing water samples were unusually high. The source could be the plumbing fixtures. Although the Langelier Index indicates minimal potential for corrosion some metals will be leached in standing samples in most supplies.

At present, there is no evidence that Aluminum is physiologically harmful and no health limit for drinking water has been specified. The measure of residual Aluminum in the treated water is important to indicate the efficiency of the treatment process. The ODWOs indicate that a useful guideline is to maintain a residual below 100 ug/L as Al in the water leaving the plant to avoid problems in the distribution system. Aluminum values exceeded the ODWO operational guideline five times in the plant treated water.

Organic Parameters

Chloroaromatics

The results of the Chlorcaromatics scan showed that one parameter was detected:

Hexachloroethane

Hexachloroethane was detected at a trace level, once in the plant treated water.

Review of this result, along with information from other water supplies on DWSP, would indicate that certain Chloroaromatics appear more frequently in the treated water than in the raw and almost always only at trace levels. These occurrences could possibly be due to a reaction of chlorine with organics present in the water or in the distribution system.

Chlorophenols

The results of the Chlorophenols scan showed that no Chlorophenols were detected.

Pesticides and PCB (Polychlorinated Biphenyls)

The results of the Pesticides and PCB scan showed that no PCBs were detected and that three pesticides were detected:

Alpha BHC

Lindane

Atrazine

There are several isomers of BHC (Benzene Hexachloride); gamma BHC is the active ingredient of the pesticide Lindane; while alpha BHC is the isomer predominantly found in surface waters from the Great Lakes Basin as indicated in results from other water supplies on DWSP.

Alpha BHC was detected at trace levels, four times in the plant raw water, six times in the plant treated water, five times in the Site

1 water and four times in the Site 2 water. Alpha BHC was detected at a trace level, once in the raw water from Doan's Hollow.

Lindane was detected at a trace level, once in the Site 1 water.

Atrazine was detected at trace levels, once in the Site 1 water and Site 2 water.

Specific Pesticides

Results of the Specific Pesticides scan showed that no specific pesticides were detected.

Phenolics

The maximum desirable concentration of phenolic substances in drinking water is 2.0 ug/L. This limit has been set primarily to prevent the occurrence of undesirable tastes and odours, particularly in chlorinated water. Phenolics were detected at 1.6 ug/L in the plant raw water and treated water and 1.0 ug/L in the Doan's Hollow raw water. Phenolics were detected at trace levels, six times in the plant raw and treated water, four times in the Doan's Hollow raw water and five times in the Doan's Hollow treated water.

Polynuclear Aromatic Hydrocarbons (PAHs)

The results of the PAH scan showed that no PAHs were detected.

Volatiles

The results of the Volatiles scan showed that ten parameters, other than Trihalomethanes(THMs), were detected:

- **Benzene**
- **Toluene**
- **Ethylbenzene**
- **Para and Meta-Xylene**
- **Ortho-Xylene**
- **Styrene**
- **1,1,1 Trichloroethane**
- **Tetrachloroethylene**
- **1,2-Dichlorobenzene**

Benzene was detected in the April treated water from the plant at 2.0 ug/L, in the Site 1 water at 2.3 ug/L and in the Site 2 water at 2.2 ug/L. These values are below the Maximum Acceptable Concentration set by Health and Welfare Canada for Benzene in drinking water of 5.0 ug/L. Benzene was also detected at trace levels, once at all sampling sites.

Toluene was detected at 4.2 ug/L in the April plant treated water and 4.8 in the April Site 1 water. Health and Welfare Canada's Aesthetic Objective for toluene in drinking water is 24 ug/L. Toluene was also detected at trace levels. The detection of toluene at low, trace levels is a laboratory artifact derived from the analytical methodology. The purge-and-trap analytical technique

depends on the purging of the volatile organics in the water sample with helium gas onto a Tenax trapping column. The volatile materials are subsequently thermally desorbed, separated and quantified. Tenax, a toluene-like polymeric material, tends to decompose sporadically upon heating into toluene and other aromatic componenets (ethylbenzene and xylene) giving instrument blanks in the order of 0.05 ug/L.

The detected trace levels of Styrene are also considered to be laboratory artifacts due to the outgassing of monomeric styrene from the polystyrene shipping containers. The sporadic background levels from this source are in the order of 0.05 ug/L.

Ethylbenzene was detected at trace levels, once in the plant raw water, six times in the plant treated water, six times in the Site 1 water, once in the Site 2 water, once in the Doan's Hollow raw water and four times in the Doan's Hollow treated water.

Para-Xylene (P-Xylene) was detected at trace levels, once in the plant treated water and once in the Site 1 water.

Meta-Xylene (M-Xylene) was detected at 1.6 ug/L in the April treated water from the plant and 1.9 ug/L in the April Site 1 water. These values are below the aesthetic objective of 300 ug/L set by Health and Welfare Canada for Total Xylenes in drinking water. M-Xylene was also detected at trace levels, four times in

the plant treated water, twice in both the Site 1 and Site 2 water and twice in the Doan's Hollow treated water.

Ortho-Xylene (O-Xylene) was detected at trace levels, once in the plant raw water, five times in the plant treated water, four times in the Site 1 water, twice in the Site 2 water and once in the Doan's Hollow treated water.

While the volatiles listed above are typically found on an occasional basis at other water supplies included on the DWSP, the frequent occurrence of Toluene, Ethylbenzene and the Xylenes predominantly in the treated water at the plant is unusual; it could be due to a source of contamination within the plant.

1,1,1-Trichloroethane was detected at trace levels, three times in the plant raw water.

Tetrachloroethylene was detected at trace levels, twice in the plant treated water and once in the Site 1 water.

1,2-Dichlorobenzene was detected at a trace level once in the Site 1 water.

THMs are acknowledged to be produced during the water treatment process and will always occur in chlorinated surface waters. THMs are comprised of Chloroform, Chlorodibromomethane and

Dichlorobromomethane. Bromoform occurs occasionally. Results are reported for the individual compounds as well as for total THMs.

Chloroform, Chlorodibromomethane, Dichlorobromomethane and Total THMs were detected in all treated water samples. Bromoform was detected at trace levels. All Total THM occurrences, ranging from 44 to 84.5 ug/l in the plant treated waters and 29.4 to 40.4 ug/L in the Doan's Hollow treated waters, were well below the ODWO of 350 ug/L.

THMs were present in six of the plant raw water samples. This would indicate that low levels of chlorine were present in these samples.

CONCLUSIONS

The Port Dover Water Supply System for the sample year of 1988 produced good quality water at the plant and this was maintained in the distribution system.

No health related guidelines, for organic or inorganic parameters, were exceeded during 1987 or 1988.

RECOMMENDATIONS

Two recommendations can be made:

1) During 1988 six raw water samples from the Port Dover plant contained THMs indicating that low levels of chlorine were present. This sample site should be reassessed to ensure that it still meets the DWSP sampling protocol.

2) The source of the volatiles (Benzene, Toluene, Ethylbenzene and the Xylenes), although the levels found in the Port Dover plant treated water do not exceed health related guidelines, should be investigated.

TABLE 3

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER (DOANS HOLLOW) SPRING SUPPLY SAMPLE DAY 1988

SAMPLE DAY CONDITIONS			TREATMENT CHEMICAL DOSAGES (MG/L)
			PRE-CHLORINATION
			SODIUM HYPOCHLORITE
DATE	RETENTION TIME(HRS)	FLOW (1000M3)	
JAN 25	.5	1.2	1.50
MAR 28	.5	1.2	1.20
APR 25	.5	1.2	1.10
JUN 27	.5	1.2	1.00
JUL 25	.5	1.2	1.20
AUG 22	.5	1.2	1.50
SEP 26	.5	1.2	1.00
OCT 24	.5	1.2	1.35
DEC 19	.5	1.2	1.72

TABLE 3

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER WSS SAMPLE DAY CONDITIONS FOR 1988

	SAMPLE DAY CONDITIONS		TREATMENT CHEMICAL DOSAGES (MG/L)		
			PRE-CHLORINATION	COAGULATION	POST-CHLORINATION
			CHLORINE	POLYALUMINUM CHLORIDE	CHLORINE
DATE	RETENTION TIME(HRS)	FLOW (1000M3)			
JAN 26	2.0	1.9	1.30	10.00	.45
FEB 24	2.0	3.6	1.40	8.32	.40
MAR 30	2.0	3.2	1.20	8.00	.43
APR 26	1.5	1.8	1.58	7.00	.50
MAY 24	2.0	3.8	2.00	3.60	.35
JUN 28	2.0	3.7	2.00	2.20	.60
JUL 26	2.0	3.3	.80	4.00	1.40
AUG 23	2.0	3.4	2.00	4.00	.50
SEP 27	2.0	2.0	3.10	10.50	.60
OCT 25	2.0	2.0	1.69	14.00	.65
NOV 22	2.0	2.2	2.00	9.00	1.00
DEC 21	1.5	1.7	2.08	11.50	.26

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
BACTERIOLOGICAL	AEROMONAS SP	.	.	.	2	1	0	.	.	.	1	0	0	.	.	.	4	2	0
	E. COLI P/A	.	.	.	2	0	0	.	.	.	1	0	0	.	.	.	4	0	0
	FECAL COLIFORM MF	11	5	0	.	.	.	.	.	.	.	.	.	8	8	0	.	.	.
	FECAL COLIFORM	.	.	.	2	0	0	.	.	.	1	0	0	.	.	.	4	0	0
	STANDRD PLATE CNT MF	8	8	0	12	9	0	8	8	0	9	8	0	6	6	0	9	8	0
	P/A BOTTLE	.	.	.	8	2	0	6	0	0	7	1	0	.	.	.	4	4	0
	STAPH AUREUS	.	.	.	2	0	0	.	.	.	1	0	0	.	.	.	4	0	0
	COLIFORM	.	.	.	2	1	0	.	.	.	1	1	0	.	.	.	4	2	0
	TOTAL COLIFORM MF	11	10	0	12	1	0	8	0	0	8	0	0	8	8	0	9	4	0
	T COLIFORM BCKGRD MF	11	11	0	12	3	0	8	1	0	8	1	0	8	8	0	9	9	0
*TOTAL SCAN BACTERIOLOGICAL		41	34	0	54	17	0	30	9	0	37	11	0	30	30	0	53	29	0
*TOTAL GROUP BACTERIOLOGICAL		41	34	0	54	17	0	30	9	0	37	11	0	30	30	0	53	29	0
CHEMISTRY (FLD)	FLD CHLORINE (COMB)	1	1	0	11	11	0	13	13	0	15	15	0	.	.	.	6	6	0
	FLD CHLORINE FREE	1	1	0	12	12	0	20	20	0	20	20	0	.	.	.	8	8	0
	FLD CHLORINE (TOTAL)	1	1	0	12	12	0	20	20	0	20	20	0	.	.	.	8	8	0
	FLD PH	11	11	0	11	11	0	20	20	0	20	20	0	8	8	0	8	8	0
	FLD TEMPERATURE	12	11	0	12	11	0	20	20	0	18	18	0	8	8	0	8	8	0
	FLD TURBIDITY	12	12	0	12	12	0	20	20	0	20	20	0	8	8	0	8	8	0
*TOTAL SCAN CHEMISTRY (FLD)		38	37	0	70	69	0	113	113	0	113	113	0	24	24	0	46	46	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
CHEMISTRY (LAB)	ALKALINITY	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	CALCIUM	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	CYANIDE	12	0	1	12	0	0	9	0	0	11	0	0	9	0	0	8	0	0
	CHLORIDE	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	COLOUR	11	4	6	12	2	8	21	3	17	22	4	17	9	5	4	9	5	4
	CONDUCTIVITY	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	FLUORIDE	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	HARDNESS	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	IONCAL	12	5	0	12	6	0	22	12	0	22	10	0	9	5	0	9	5	0
	LANGELIERS INDEX	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	MAGNESIUM	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	SODIUM	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	AMMONIUM TOTAL	11	10	1	12	7	3	21	17	4	22	19	3	9	6	3	9	4	4
	NITRITE	11	7	4	12	1	9	21	5	15	22	5	17	9	7	2	9	3	6
	TOTAL NITRATES	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	NITROGEN TOT KJELD	11	11	0	12	12	0	21	21	0	22	22	0	9	7	2	9	5	4
	PH	11	11	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	PHOSPHORUS FIL REACT	11	8	3	12	0	11	.	.	.	.	.	.	9	4	5	9	5	4
	PHOSPHORUS TOTAL	11	9	1	12	1	7	.	.	.	.	.	.	9	3	5	9	2	5
	SULPHATE	5	5	0	6	6	0	12	12	0	10	10	0	5	5	0	5	5	0
	TURBIDITY	10	10	0	11	9	2	21	21	0	22	22	0	9	9	0	9	9	0
*TOTAL SCAN CHEMISTRY (LAB)		226	190	16	245	176	40	379	322	36	395	334	37	185	150	21	184	139	27

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
METALS	SILVER	12	0	3	12	0	6	21	1	12	22	0	9	9	0	1	9	0	2
	ALUMINUM	12	12	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	ARSENIC	12	4	8	12	0	11	21	0	17	22	0	20	9	1	8	9	0	8
	BARIUM	12	12	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	BORON	12	9	3	12	10	2	21	14	7	22	15	7	9	5	4	9	5	4
	BERYLLIUM	12	0	10	12	0	7	21	0	12	22	0	12	9	0	6	9	0	6
	CADMIUM	12	0	6	12	0	3	21	1	10	22	0	10	9	0	9	9	0	1
	COBALT	12	1	10	12	0	10	21	3	16	22	0	17	9	0	7	9	0	8
	CHROMIUM	12	7	5	12	7	4	21	21	0	22	9	11	9	7	2	9	7	1
	COPPER	12	11	1	12	7	5	21	21	0	22	22	0	9	1	8	9	9	0
	IRON	12	12	0	12	1	6	21	6	14	22	18	4	9	9	0	9	8	1
	MERCURY	12	6	3	12	5	5	11	4	4	10	3	1	9	3	3	9	3	5
	MANGANESE	12	12	0	12	9	3	21	21	0	22	22	0	9	9	0	9	9	0
	MOLYBDENUM	12	9	3	12	12	0	21	21	0	22	22	0	9	6	3	9	5	4
	NICKEL	12	1	9	12	0	8	21	10	7	22	9	7	9	1	3	9	1	3
	LEAD	12	9	3	12	1	9	21	20	1	22	14	8	9	0	8	9	2	7
	ANTIMONY	12	8	4	12	8	4	21	12	9	22	11	11	9	4	4	9	2	7
	SELENIUM	12	0	11	12	0	12	21	0	20	22	0	22	9	0	5	9	0	8
	STRONTIUM	12	12	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	TITANIUM	12	12	0	12	12	0	21	21	0	22	22	0	9	9	0	9	9	0
	THALLIUM	12	0	8	12	0	8	21	0	7	22	0	7	9	0	7	9	0	4
	URANIUM	12	12	0	12	4	8	21	17	4	22	19	3	9	9	0	9	9	0
	VANADIUM	12	7	5	12	0	12	21	0	21	22	0	22	9	0	9	9	0	9

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE						DOANS HOLLOW											
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
METALS	ZINC	12	11	1	12	7	5	21	19	2	22	21	1	9	9	0	9	9	0
*TOTAL SCAN METALS		288	167	93	288	119	128	494	275	163	516	273	172	216	100	78	216	105	78
*TOTAL GROUP INORGANIC & PHYSICAL		552	394	109	603	364	168	986	710	199	1024	720	209	425	274	99	446	290	105
CHLOROAROMATICS	HEXACHLOROBUTADIENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	123 TRICHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	1234 T-CHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	1235 T-CHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	124 TRICHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	1245 T-CHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	135 TRICHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	HCB	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	HEXACHLOROETHANE	12	0	0	11	0	1	11	0	0	11	0	0	8	0	0	9	0	0
	OCTACHLOROSTYRENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	PENTACHLOROBENZENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	236 TRICHLOROTOLUENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	245 TRICHLOROTOLUENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	26A TRICHLOROTOLUENE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
*TOTAL SCAN CHLOROAROMATICS		168	0	0	154	0	1	154	0	0	154	0	0	112	0	0	126	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

SCAN	PARAMETER	PLANT PORT DOVER SITE RAW TOTAL	RAW POSITIVE	RAW TRACE	TREATED TOTAL	TREATED POSITIVE	TREATED TRACE	SITE 1 TOTAL	SITE 1 POSITIVE	SITE 1 TRACE	SITE 2 TOTAL	SITE 2 POSITIVE	SITE 2 TRACE	DOANS HOLLOW RAW TOTAL	RAW POSITIVE	RAW TRACE	TREATED TOTAL	TREATED POSITIVE	TREATED TRACE
CHLOROPHENOLS	234 TRICHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	2345 T-CHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	2356 T-CHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	245-TRICHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	246-TRICHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	PENTACHLOROPHENOL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
*TOTAL SCAN CHLOROPHENOLS		12	0	0	12	0	0	0	0	0	0	0	0	6	0	0	6	0	0
PAH	PHENANTHRENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	ANTHRACENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	FLUORANTHENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	PYRENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(A)ANTHRACENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	CHRYSENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	DIMETH. BENZ(A)ANTHR	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(E) PYRENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(J) FLUORANTHEN	0	0	0	0	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(B) FLUORANTHEN	12	0	0	12	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	PERYLENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(K) FLUORANTHEN	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(A) PYRENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
PAH	BENZO(G,H,I) PERYLEN	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	DIBENZO(A,H) ANTHRAC	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	INDENO(1,2,3-C,D) PY	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	BENZO(B) CHRYSENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
	ANTHANTHRENE	0	0	0	0	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	CORONENE	12	0	0	12	0	0	.	.	.	.	.	.	9	0	0	9	0	0
*TOTAL SCAN PAH		204	0	0	204	0	0	0	0	0	0	0	0	153	0	0	153	0	0
PESTICIDES & PCB	ALDRIN	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ALPHA BHC	12	0	4	11	0	6	11	0	5	11	0	4	8	0	1	9	0	0
	BETA BHC	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	LINDANE	12	0	0	11	0	0	11	0	1	11	0	0	8	0	0	9	0	0
	ALPHA CHLORDANE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	GAMMA CHLORDANE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	DIELDRIN	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	METHOXYCHLOR	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ENDOSULFAN I	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ENDOSULFAN II	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ENDRIN	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ENDOSULFAN SULPHATE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	HEPTACHLOR EPOXIDE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
PESTICIDES & PCB	HEPTACHLOR	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	MIREX	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	OXYCHLORDANE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	OPDDT	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	PCB	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	DDD	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	PPDDE	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	PPDDT	12	0	0	11	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	AMETRINE	11	0	0	12	0	0	11	0	0	11	0	0	8	0	0	9	0	0
	ATRAZINE	11	0	0	12	0	0	11	0	1	11	0	1	9	0	0	9	0	0
	ATRATONE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	CYANAZINE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	DES ETHYL ATRAZINE	5	0	0	6	0	0	6	0	0	5	0	0	5	0	0	5	0	0
	DES ETHYL SIMAZINE	5	0	0	6	0	0	6	0	0	5	0	0	5	0	0	5	0	0
	PROMETONE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	PROPAZINE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	PROMETRYNE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	METRIBUZIN	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	SIMAZINE	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	ALACHLOR	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
	METOLACHLOR	11	0	0	12	0	0	11	0	0	11	0	0	9	0	0	9	0	0
*TOTAL SCAN PESTICIDES & PCB		383	0	4	375	0	6	364	0	7	362	0	5	277	0	1	298	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
PHENOLICS	PHENOLICS	11	2	5	12	2	5	.	.	.	.	.	.	9	1	4	9	0	5
*TOTAL SCAN PHENOLICS		11	2	5	12	2	5	0	0	0	0	0	0	9	1	4	9	0	5
SPECIFIC PESTICIDES	TOXAPHENE	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
	2,4,5-T	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	2,4-D	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	2,4-DB	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	2,4 D PROPIONIC ACID	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	DICAMBA	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	PICHLORAM	0	0	0	0	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	SILVEX	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	DIAZINON	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	DICHLOROVOS	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	CHLORPYRIFOS	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	ETHION	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	AZINPHOS-METHYL	0	0	0	0	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	MALATHION	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	MEVINPHOS	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	METHYL PARATHION	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	METHYLTRITHION	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	PARATHION	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE						DOANS HOLLOW											
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
SPECIFIC PESTICIDES	PHORATE	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	RELDAN	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	RONNEL	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	AMINOCARB	0	0	0	0	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	BENOMYL	2	0	0	2	0	0	.	.	.	.	.	.	0	0	0	0	0	0
	BUX	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	CARBOFURAN	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	CICP	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	DIALLATE	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	EPTAM	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	IPC	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	PROPOXUR	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	CARBARYL	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
	BUTYLATE	2	0	0	2	0	0	.	.	.	.	.	.	1	0	0	1	0	0
*TOTAL SCAN SPECIFIC PESTICIDES		57	0	0	57	0	0	1	0	0	1	0	0	17	0	0	17	0	0
VOLATILES	BENZENE	10	0	1	10	1	1	9	1	1	9	1	1	8	0	0	8	0	1
	TOLUENE	10	1	2	9	2	3	9	1	4	8	1	1	8	0	1	8	0	2
	ETHYLBENZENE	10	0	1	9	0	6	8	0	6	8	0	1	8	0	1	7	0	4
	P-XYLENE	10	0	0	9	1	0	9	1	0	8	0	0	8	0	0	8	0	0
	M-XYLENE	10	0	0	9	1	4	8	1	2	9	0	2	8	0	0	8	0	2

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
VOLATILES	O-XYLENE	10	0	1	9	0	5	8	0	4	8	0	2	8	0	0	8	0	1
	STYRENE	4	0	1	4	0	2	4	0	2	4	0	3	2	0	0	2	0	1
	1,1 DICHLOROETHYLENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	METHYLENE CHLORIDE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	T1,2DICHLOROETHYLENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,1 DICHLOROETHANE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	CHLOROFORM	9	3	5	9	9	0	8	8	0	8	8	0	7	0	2	7	7	0
	111, TRICHLOROETHANE	10	0	3	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,2 DICHLOROETHANE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	CARBON TETRACHLORIDE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,2 DICHLOROPROPANE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	TRICHLOROETHYLENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	DICHLOROBROMOMETHANE	9	1	5	9	9	0	8	8	0	8	8	0	8	0	1	7	7	0
	112 TRICHLOROETHANE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	CHLORODIBROMOMETHANE	10	0	3	9	9	0	8	8	0	8	8	0	8	0	0	7	7	0
	T-CHLOROETHYLENE	10	0	0	10	0	2	9	0	1	9	0	0	8	0	0	8	0	0
	BROMOFORM	10	0	0	9	0	8	8	0	7	8	0	6	8	0	0	8	0	3
	1122 T-CHLOROETHANE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	CHLOROBENZENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,4 DICHLOROBENZENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,3 DICHLOROBENZENE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	1,2 DICHLOROBENZENE	10	0	0	10	0	0	9	0	1	9	0	0	8	0	0	8	0	0
	TRIFLUOROCHLOROTOLUE	3	0	0	3	0	0	2	0	0	3	0	0	2	0	0	2	0	0

TABLE 4

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY

SUMMARY TABLE OF RESULTS (1988)

		PLANT PORT DOVER SITE												DOANS HOLLOW					
		RAW			TREATED			SITE 1			SITE 2			RAW			TREATED		
SCAN	PARAMETER	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE	TOTAL	POSITIVE	TRACE
VOLATILES	ETHLYENE DIBROMIDE	10	0	0	10	0	0	9	0	0	9	0	0	8	0	0	8	0	0
	TOTL TRIHALOMETHANES	10	1	5	9	9	0	8	8	0	8	8	0	8	0	0	7	7	0
*TOTAL SCAN VOLATILES		285	6	27	277	41	31	250	36	28	250	34	16	227	0	5	223	28	14
*TOTAL GROUP ORGANIC		1120	8	36	1091	43	43	769	36	35	767	34	21	801	1	10	832	28	19
TOTAL		1713	436	145	1748	424	211	1785	755	234	1828	765	230	1256	305	109	1331	347	124

KEY TO TABLE 5 and 6

A ONTARIO DRINKING WATER OBJECTIVES (ODWO)
1. Maximum Acceptable Concentration (MAC)
1+. MAC for Total Trihalomethanes
1*. MAC for Bacteriological Analyses
Poor water quality is indicated when :
- total coliform counts > 0 < 5
- P/A Bottle Test is present after 48 hours
- Aeromonas organisms are detected in more than 25% of samples in a single submission or in successive submissions from the same sampling site
- Pseudomonas Aeruginosa, Staphylococcus Aureus and members of the Fecal Streptococcus group should not be detected in any sample
- Standard Plate Count should not exceed 500 organisms per ml at 35 ^{0}C within 48 hours

2. Interim Maximum Acceptable Concentration (IMAC)
3. Maximum Desirable Concentration (MDC)
4. Aesthetic or Recommended Operational Guideline
- hardness levels between 80 and 100 mg/L as calcium carbonate are considered to provide an acceptable balance between corrosion and incrustation, water supplies with a hardness >200 mg/L are considered poor and those in excess of 500 mg/L are unacceptable.

B HEALTH & WELFARE CANADA (H&W)
1. Maximum Acceptable Concentration (MAC)
2. Proposed MAC
3. Interim MAC
4. Aesthetic Objective (AO) (for xylenes, the AO is a total)

C WORLD HEALTH ORGANIZATION (WHO)
1. Guideline Value (GV)
2. Tentative GV
3. Aesthetic GV

D US ENVIRONMENTAL PROTECTION AGENCY (EPA)
1. Maximum Contaminant Level (MCL)
2. Suggested No-Adverse Effect Level (SNAEL)
3. Lifetime Health Advisory
4. EPA Ambient Water Quality Criteria

F EUROPEAN ECONOMIC COMMUNITY (EEC)
1. Health Related Guideline Level
2. Aesthetic Guideline Level
3. Maximum Admissable Concentration (MADC)

G CALIFORNIA STATE DEPARTMENT OF HEALTH-GUIDELINE VALUE

H USSR MAXIMUM PERMISSIBLE CONCENTRATION

I NEW YORK STATE AMBIENT WATER GUIDELINE

N/A NONE AVAILABLE

PPS	Test Performed On Preserved Sample
RMP	P and M-Xylene Not Separated
RRV	Rerun Verification
RVU	Reported Value Unusual
SPS	Several Peaks, Small, Not Priority Pollutant
UAL	Unreliable: Sample Age Exceeds Normal Limit
UCR	Unreliable: Could Not Confirm By Reanalysis
UCS	Unreliable: Contamination Suspected
UIN	Unreliable: Indeterminant Interference
XP	Positive After X Number of Hours
T# (T06)	Result Taken After # Hours

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER						DOANS HOLLOW	
TYPE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
			STANDING	FREE FLOW	STANDING	FREE FLOW		
BACTERIOLOGICAL								
AEROMONAS SP (1=PRESNT)			DET'N LIMIT = N/A		GUIDELINE = 0 (A1)			
JAN	.	.	.	.	.	.	.	1
APR	.	.	.	.	.	.	.	1
JUN	.	0	.	.	.	.	.	0
JUL	.	.	.	.	.	.	.	0
AUG	.	1	.	.	.	0	.	.
E. COLI P/A (1=PRESNT)			DET'N LIMIT = N/A		GUIDELINE = N/A			
JAN	.	.	.	.	.	.	.	0
APR	.	.	.	.	.	.	.	0
JUN	.	0	.	.	.	.	.	0
JUL	.	.	.	.	.	.	.	0
AUG	.	0	.	.	.	0	.	.
FECAL COLIFORM MF (CT/100ML)			DET'N LIMIT = 0		GUIDELINE = 0 (A1)			
JAN	0	.	.	.	.	.	19	.
FEB	14	.	.	.	.	.	.	.
MAR	0	.	.	.	.	.	2	.
APR	0	.	.	.	.	.	6	.
MAY	0	.	.	.	.	.	.	.
JUN	0	.	.	.	.	.	19	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
JUL	15	.	.	.	.	.	115	.
AUG	22	.	.	.	.	.	44	.
SEP	.	.	.	.	.	.	52 T24	.
OCT	109 T48	.	.	.	.	.	.	.
NOV	58	.	.	.	.	.	.	.
DEC	BDL	.	.	.	.	.	20 T24	.
FECAL COLIFORM (1=PRESNT)		DET'N LIMIT = N/A		GUIDELINE = 0 (A1)				
JAN	.	.	.	.	.	.	.	0
APR	.	.	.	.	.	.	.	0
JUN	.	0	.	.	.	.	.	0
JUL	.	.	.	.	.	0	.	0
AUG	.	0	.	.	.	.	.	.
STANDRD PLATE CNT MP (CT/ML)		DET'N LIMIT = 0		GUIDELINE = 500/ML (A1)				
JAN	24	2	.	2	.	2	2400 >	18
FEB	1000	2	.	4	.	0	.	.
MAR	93	27	.	19	.	16	115	21
APR	440	1	.	2	.	4	380	26
MAY	820	1	.	.	.	23	.	.
JUN	2400 >	21	.	45	.	928	560	1430
JUL	1600	1900	.	320	.	2400 >	16000	2400 >

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
AUG	1900	2400 >	.	.	.	.	2400 >	2400 >
SEP	.	1 <=>	.	2400 >	.	33 T06	.	81 T24
OCT	.	6 <=>	.	114 T24	.	53 T24	.	125 T48
NOV	.	2400 >	.	.	.	.	.	.
DEC	.	0 <=>	.	.	.	.	.	9 <=>
P/A BOTTLE (1=PRESNT)		DET'N LIMIT = 0		GUIDELINE = 0 (A1*)				
JAN	.	0	.	0	.	0	.	1
FEB	.	0	.	0	.	0	.	.
MAR	.	0	.	0	.	0	.	0
APR	.	0	.	0	.	0	.	1
MAY	.	0	.	.	.	0	.	.
JUN	.	1	.	0	.	0	.	1
JUL	.	0	.	0	.	1	.	1
AUG	.	1	.	.	.	.	.	0
STAPH AUREUS (1=PRESNT)		DET'N LIMIT = N/A		GUIDELINE = 0 (A1)				
JAN	.	.	.	.	.	.	.	0
APR	.	.	.	.	.	.	.	0
JUN	.	0	.	.	.	.	.	0
JUL	.	.	.	.	.	0	.	0
AUG	.	0	.	.	.	.	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER							
SITE			SITE 1		SITE 2		DOANS HOLLOW	
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
COLIFORM (1=PRESNT)		DET'N LIMIT = N/A		GUIDELINE = 0 (A1)				
JAN	.	.	.	.	.	.	.	0
APR	.	.	.	.	.	.	.	0
JUN	.	0	.	.	.	.	.	1
JUL	.	.	.	.	.	1	.	1
AUG	.	1	.	.	.	.	.	.
TOTAL COLIFORM MF (CT/100ML)		DET'N LIMIT = 0		GUIDELINE = 5/100ML(A1)				
JAN	19	0	.	0	.	0	1100	0
FEB	2600	0	.	0	.	0	.	.
MAR	2100	0	.	0	.	0	226 A3C	0
APR	30 A3C	0	.	0	.	0	1000	0
MAY	15 A3C	0	.	.	.	0	.	.
JUN	12 A3C	0	.	0	.	0	1100	2 A3C
JUL	1400	0	.	0	.	0	4700 A3C	4 A3C
AUG	1200	3	.	.	.	.	2100	0
SEP	.	0 T24	.	0 A3C	.	!LA	1000 T24	1 T24
OCT	980 A3C	0 T48	.	0 T24	.	0 T24	.	0 T48
NOV	7100 A3C	0 A3C	.	.	.	.	.	.
DEC	160 <=>	0 T24	.	.	.	.	620 A3C	1 T24
T COLIFORM BCKGRD MF (CT/100ML)		DET'N LIMIT = 0		GUIDELINE = N/A				
JAN	53	0	.	0	.	0	6700	2

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE		SITE 1		SITE 2		DOANS HOLLOW	
	RAW TYPE	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
FEB	4900	0	.	0	.	0	.	.
MAR	1700	0	.	0	.	0	900	2
APR	740	0	.	0	.	0	12000	2
MAY	1210	0	.	.	.	0	.	.
JUN	4800 >	0	.	0	.	0	21000	800
JUL	26000	1	.	0	.	56	90000	2400 >
AUG	6300	14	.	.	.	.	10400	43
SEP	.	0 T24	.	2400 >	.	ILA	8200 T24	4 T24
OCT	24000 >	0 T48	.	0 T24	.	0 T24	.	4 T48
NOV	57000 A3C	2400 >	.	.	.	.	.	.
DEC	16000 A3C	0 T24	.	.	.	.	3650 A3C	5 T24

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
CHEMISTRY (FLD)								
FLD CHLORINE (COMB) (MG/L)			DET'N LIMIT = N/A		GUIDELINE = N/A			
JAN	.	.300	.100	.100	.	.100	.	.
FEB	.	.200	.200	.	.100	.100	.	.
MAR	.	.500	.100	.	.200	.100	.	.200
APR	.	.200	.	.200	.200	.200	.	.
MAY	.	.600	.	.	.100	.200	.	.
JUN	.	.200	.	.200	.100	.200	.	.200
JUL	.	.300	.200	.200	.	.	.	.100
AUG	.200	.200	.200	.	.	.	.	.200
SEP	.	.300	.	.200	.	.	.	.200
OCT	.	.200	.	.200	.100	.200	.	.200
NOV	.	.500	.200	.200	.100	.200	.	.
FLD CHLORINE FREE (MG/L)			DET'N LIMIT = N/A		GUIDELINE = N/A			
JAN	.	.700	.200	.700	.100	.200	.	1.500
FEB	.	1.100	.300	.500	.100	.200	.	.
MAR	.	.700	.100	.800	.100	.200	.	1.100
APR	.	.900	.100	.700	.100	.200	.	1.100
MAY	.	.300	.	.	.100	.100	.	.
JUN	.	.700	.100	.700	.100	.100	.	.950
JUL	.	.200	.100	.300	.100	.100	.	.800
AUG	1.100	.300	.100	.500	.	.	.	.900

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
SEP	.	.900	.300	.500	.100	.100	.	1.100
OCT	.	1.100	.300	.700	.100	.290	.	1.100
NOV	.	.400	.700	.100	.100	.100	.	.
DEC	.	.900	.	.	.	.	.	.
FLD CHLORINE (TOTAL) (MG/L)			DET'N LIMIT = N/A		GUIDELINE = N/A			
JAN	.	1.000	.300	.800	.100	.300	.	1.500
FEB	.	1.300	.500	.500	.200	.300	.	.
MAR	.	1.200	.100	.800	.300	.300	.	1.300
APR	.	1.100	.100	.900	.300	.400	.	1.100
MAY	.	.900	.	.	.200	.300	.	.
JUN	.	.900	.100	.900	.200	.300	.	1.200
JUL	.	.500	.300	.500	.100	.100	.	.900
AUG	1.300	.500	.300	.500	.	.	.	1.100
SEP	.	1.200	.300	.700	.100	.100	.	1.300
OCT	.	1.300	.300	.900	.200	.490	.	1.300
NOV	.	.900	.900	.300	.200	.300	.	.
DEC	.	.900	.	.	.	.	.	.
FLD PH (DMNSLESS)			DET'N LIMIT = N/A		GUIDELINE = 6.5-8.5(A4)			
JAN	7.700	7.700	7.800	7.500	7.700	7.600	7.500	7.600
FEB	7.900	7.700	7.000	7.300	7.700	7.500	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
MAR	7.900	7.700	7.600	7.600	7.800	7.500	7.500	7.700
APR	7.800	7.700	7.600	7.600	7.800	7.700	7.600	7.600
MAY	8.200	8.000	.	.	7.800	7.700	.	.
JUN	7.800	7.800	7.800	7.800	7.700	7.700	7.500	7.700
JUL	7.900	7.700	7.600	7.800	7.800	7.900	7.500	7.600
AUG	7.800	7.600	7.500	7.700	.	.	7.500	7.400
SEP	8.100	7.700	7.600	7.500	7.700	7.800	7.500	7.500
OCT	7.900	7.900	7.400	7.600	7.700	7.700	7.400	7.600
NOV	7.900	7.700	7.600	7.800	7.700	7.700	.	.
FLD TEMPERATURE (DEG.C)			DET'N LIMIT = N/A		GUIDELINE = 15 (A1)			
JAN	.000	.000	16.000	6.000	.	.	8.000	7.000
FEB	.500	1.000	15.000	4.000	9.000	5.000	.	.
MAR	3.500	4.000	20.000	7.000	9.000	4.500	8.500	8.000
APR	6.000	12.000	19.000	12.000	10.500	8.000	9.000	9.000
MAY	12.300	13.000	.	.	14.900	11.000	.	.
JUN	14.000	12.000	23.000	17.000	18.000	15.000	12.000	12.000
JUL	20.600	20.200	23.000	22.000	20.100	19.000	13.000	13.000
AUG	21.500	22.000	23.000	21.000	.	.	13.000	13.000
SEP	17.200	18.000	20.000	16.000	19.500	18.500	11.500	11.500
OCT	10.000	10.900	17.500	14.000	16.000	15.000	10.000	10.000
NOV	7.100	8.100	19.000	11.000	12.000	11.100	.	.
DEC	1.000	1.500	.	.	.	.	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1968

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
FLD TURBIDITY (FTU)			DET'N LIMIT = N/A		GUIDELINE = 1.0 (A1)			
JAN	87.000	.130	.540	.210	.310	.290	.660	.600
FEB	31.000	.170	.240	.190	.120	.210	.	.
MAR	22.000	.040	.250	.140	.250	.180	.570	.570
APR	15.800	.030	1.270	.240	.420	.360	.820	.350
MAY	5.400	.070	.	.	.150	.110	.	.
JUN	3.000	.210	.610	.260	.270	.250	.680	.680
JUL	5.700	.060	.290	.250	.780	.690	5.600	.430
AUG	3.700	.100	.410	.290	.	.	.770	.420
SEP	37.000	.100	.550	.370	.490	.380	.560	.380
OCT	160.000	.060	.900	.430	.370	.300	4.200	.530
NOV	63.000	.080	.280	.420	.300	.260	.	.
DEC	89.000	.030	.	.	.	.	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
CHEMISTRY (LAB)								
ALKALINITY (MG/L)			DET'N LIMIT = .200		GUIDELINE = 30-500 (A4)			
JAN	104.500	101.100	134.900	123.000	135.300	127.100	192.900	193.200
FEB	108.500	102.300	99.800	99.900	100.600	103.900	.	.
MAR	106.000	98.900	101.000	IIS	103.500	104.500	197.200	198.400
APR	128.600	103.800	140.100	134.300	140.700	138.800	191.200	199.300
MAY	105.600	100.800	.	.	101.500	102.400	.	.
JUN	106.400	99.300	107.100	101.400	124.900	120.500	198.300	201.800
JUL	99.600	98.400	99.900	103.800	133.100	128.300	192.300	196.900
AUG	196.800	197.200	100.500	98.600	.	.	102.300	98.500
SEP	.	98.900	138.800	129.400	139.400	135.800	200.600	201.200
OCT	104.700	101.000	140.900	144.100	136.600	140.300	198.700	198.100
NOV	107.200	102.800	136.500	132.600	121.500	113.300	.	.
DEC	105.700	101.800	147.200	131.400	135.700	149.500	199.800	201.600
CALCIUM (MG/L)			DET'N LIMIT = .100		GUIDELINE = 100 (F2)			
JAN	37.800	38.800	54.000	47.400	51.600	48.400	74.200	74.000
FEB	38.800	39.800	40.200	38.800	40.400	41.000	.	.
MAR	38.200	37.400	40.800	IIS	39.000	38.800	56.000	60.800
APR	36.800	37.800	50.600	48.400	49.800	49.800	69.800	71.400
MAY	36.600	36.600	.	.	37.400	36.400	.	.
JUN	37.000	36.800	38.400	36.800	45.800	45.600	68.000	76.600
JUL	36.200	38.400	38.400	39.200	51.400	50.800	76.800	80.600

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
AUG	80.000	82.600	39.400	37.800	.	.	37.600	38.400
SEP	.	38.200	53.600	50.800	53.400	53.200	79.200	79.200
OCT	40.800	43.600	58.800	59.600	57.800	58.800	78.200	82.000
NOV	40.600	40.600	53.200	52.400	48.200	44.400	.	.
DEC	38.400	39.800	57.400	48.000	49.400	55.400	78.200	77.600
CYANIDE (MG/L)			DET'N LIMIT = 0.001		GUIDELINE = .200 (A1)			
JAN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
FEB	BDL	BDL	.	BDL	.	BDL	.	.
MAR	BDL	BDL	.	BDL	.	BDL	BDL	INR
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	.002 <T	BDL	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	INR	.	BDL	BDL	BDL
AUG	BDL	BDL	.	INR	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
CHLORIDE (MG/L)			DET'N LIMIT = .200		GUIDELINE = 250 (A3)			
JAN	14.900	18.300	14.500	15.700	15.300	15.900	6.000	7.300

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
FEB	15.800	19.800	20.500	19.700	20.800	20.300	.	.
MAR	14.400	18.300	23.000	IIS	17.400	17.400	5.300	6.500
APR	14.400	18.400	14.400	15.100	14.700	14.300	5.900	7.000
MAY	14.700	17.600	.	.	18.[illegible]0	17.800	.	.
JUN	14.300	17.100	16.800	17.100	15.[illegible]0	15.200	6.100	7.200
JUL	15.500	18.800	18.400	18.400	15.800	16.500	9.900	11.000
AUG	6.600	7.600	18.700	18.100	.	.	14.800	17.300
SEP	.	21.100	15.700	17.600	15.500	16.000	6.500	7.800
OCT	14.400	20.700	16.800	15.200	17.800	16.900	6.700	8.300
NOV	14.400	19.900	17.100	17.500	17.900	19.000	.	.
DEC	14.000	17.700	13.300	15.200	14.400	13.000	6.800	8.000

COLOUR (HZU) DET'N LIMIT = .5 GUIDELINE = 5.0 (A3)

JAN	BDL	.500 <T	.500 <T	.500 <T	1.500 <T	1.000 <T	1.000 <T	1.000 <T
FEB	1.000 <T	.500 <T	1.000 <T	.500 <T	2.000 <T	2.000 <T	.	.
MAR	.500 <T	BDL	.500 <T	IIS	1.500 <T	1.500 <T	2.000 <T	2.500
APR	32.500	3.500	3.500	3.500	4.000	4.000	4.000	4.000
MAY	2.000 <T	.500 <T	.	.	1.500 <T	1.500 <T	.	.
JUN	2.000 <T	.500 <T	BDL	.500 <T	1.500 <T	2.000 <T	3.000	2.500
JUL	2.500	1.000 <T	1.000 <T	1.000 <T	2.500	3.000	8.000	6.000
AUG	3.000	2.500	.500 <T	.500 <T	.	.	2.000 <T	1.000 <T
SEP	.	BDL	1.000 <T	.500 <T	1.500 <T	1.000 <T	12.500	2.000 <T
OCT	2.000 <T	.500 <T	2.000 <T	1.500 <T	2.000 <T	2.000 <T	4.500	4.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
NOV	2.500	.500 <T	2.000 <T	1.500 <T	1.000 <T	BDL	.	.
DEC	1.500 <T	.500 <T	4.500	.500 <T	1.500 <T	1.000 <T	2.000 <T	2.000 <T
CONDUCTIVITY (UMHO/CM)			DET'N LIMIT = 1		GUIDELINE = 400 (F2)			
JAN	295	305	379	354	387	365	496	494
FEB	309	315	318	311	307	328	.	.
MAR	291	297	303	118	303	306	476	483
APR	296	312	389	373	387	385	488	503
MAY	296	299	.	.	303	303	.	.
JUN	300	297	321	301	353	342	502	510
JUL	295	308	318	322	391	379	528	538
AUG	510	513	312	297	.	.	294	298
SEP	.	308	402	377	392	384	510	518
OCT	293	315	408	407	394	402	510	512
NOV	301	313	390	383	364	339	.	.
DEC	289	301	411	365	376	404	506	514
FLUORIDE (MG/L)			DET'N LIMIT = .01		GUIDELINE = 2.400 (A1)			
JAN	.120	.100	.100	.100	.100	.100	.080	.060
FEB	.140	.130	.130	.130	.130	.130	.	.
MAR	.110	.110	.130	118	.110	.110	.090	.100
APR	.120	.110	.110	.110	.100	.100	.080	.090

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE						DOANS HOLLOW	
	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
MAY	.110	.120	.	.	.110	.110	.	.
JUN	.120	.110	.110	.110	.100	.100	.080	.080
JUL	.120	.110	.110	.110	.110	.110	.150	.150
AUG	.100	.080	.100	.100	.	.	.120	.120
SEP	.	.120	.120	.140	.120	.140	.100	.100
OCT	.100	.100	.080	.080	.080	.040	.080	.100
NOV	.120	.100	.100	.100	.100	.100	.	.
DEC	.180	.100	.100	.100	.100	.100	.100	.100
HARDNESS (MG/L	)		DET'N LIMIT = .500		GUIDELINE = 80-100 (A4)			
JAN	129.000	132.000	184.000	161.000	177.000	166.000	259.000	259.000
FEB	133.000	135.000	136.000	131.000	137.000	139.000	.	.
MAR	131.000	129.000	138.000	115	134.000	133.000	208.000	222.000
APR	127.000	130.000	176.000	169.000	175.000	173.000	248.000	251.000
MAY	126.000	126.000	.	.	128.000	125.000	.	.
JUN	128.000	127.000	135.000	128.000	159.000	157.000	248.000	269.000
JUL	124.000	131.000	132.000	135.000	178.000	174.000	266.000	275.000
AUG	277.000	282.000	135.000	130.000	.	.	129.000	131.000
SEP	.	131.000	185.000	174.000	184.000	182.000	275.000	276.000
OCT	138.000	145.000	201.000	205.000	196.000	200.000	272.000	281.000
NOV	138.000	138.000	184.000	179.000	165.000	152.000	.	.
DEC	130.000	133.000	199.000	169.000	174.000	195.000	269.000	270.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
LANGELIERS INDEX (DIMNSLESS)			DET'N LIMIT = N/A		GUIDELINE = N/A			
JAN	.250 NAF	.203 NAF	.603 NAF	.449 NAF	.564 NAF	.481 NAF	.915 NAF	.985 NAF
FEB	.332 NAF	.227 NAF	.230 NAF	.196 NAF	.307 NAF	.305 NAF	.	.
MAR	.382 NAF	.190 NAF	.305 NAF	.	.286 NAF	.297 NAF	.845 NAF	.802 NAF
APR	.608 NAF	.481 NAF	.781 NAF	.804 NAF	.836 NAF	.820 NAF	1.056 NAF	1.152 NAF
MAY	.540 NAF	.368 NAF	.	.	.369 NAF	.341 NAF	.	.
JUN	.486 NAF	.335 NAF	.421 NAF	.402 NAF	.681 NAF	.645 NAF	1.159 NAF	1.157 NAF
JUL	.410	.415	.321	.426	.725	.715	1.106	1.142
AUG	.945	1.030	.275	.323	.	.	.428	.359
SEP	.	.275	.820	.779	.851	.819	1.199	1.110
OCT	.444	.401	.786	.692	.847	.765	1.150	1.359
NOV	.349	.248	.521	.502	.410	.446	.	.
DEC	.334	.278	.895	.722	.568	.787	1.022	1.022
MAGNESIUM (MG/L)			DET'N LIMIT = .050		GUIDELINE = 30 (F2)			
JAN	8.400	8.400	12.000	10.400	11.700	11.000	17.900	17.900
FEB	8.700	8.600	8.600	8.300	8.700	8.800	.	.
MAR	8.700	8.700	8.900	11$	9.000	8.900	16.600	17.000
APR	8.600	8.700	12.000	11.600	12.300	11.800	17.800	17.700
MAY	8.300	8.300	.	.	8.300	8.400	.	.
JUN	8.600	8.500	9.400	8.800	10.900	10.500	19.000	18.800
JUL	8.200	8.600	8.700	8.900	12.000	11.600	18.100	18.000
AUG	18.600	18.500	8.900	8.700	.	.	8.500	8.500

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT / PORT DOVER / SITE / TYPE	RAW	TREATED	SITE 1 STANDING	SITE 1 FREE FLOW	SITE 2 STANDING	SITE 2 FREE FLOW	DOANS HOLLOW RAW	DOANS HOLLOW TREATED
SEP	.	8.700	12.500	11.500	12.300	12.100	18.800	19.000
OCT	8.800	8.800	13.100	13.600	12.600	13.000	18.600	18.600
NOV	8.900	9.000	12.500	11.700	10.900	10.000	.	.
DEC	8.200	8.200	13.600	11.800	12.300	13.700	18.000	17.900
SODIUM (MG/L)			DET'N LIMIT = .200		GUIDELINE = 200 (C3)			
JAN	8.000	8.200	7.000	7.200	7.200	7.400	3.400	4.400
FEB	8.800	8.400	8.600	8.600	9.200	8.600	.	.
MAR	8.600	8.600	9.000	118	8.400	8.400	3.600	4.600
APR	7.800	8.000	6.800	6.800	6.800	7.200	2.600	3.600
MAY	8.000	7.800	.	.	7.800	7.800	.	.
JUN	8.000	8.000	7.800	8.000	7.200	7.200	3.400	4.200
JUL	8.600	8.600	8.600	8.800	8.000	8.000	6.200	6.200
AUG	3.400	4.400	8.600	8.600	.	.	8.200	8.400
SEP	.	8.600	7.000	7.400	6.800	7.000	3.400	4.400
OCT	8.200	8.200	7.000	6.800	7.400	6.800	3.600	4.800
NOV	7.800	7.600	7.200	7.400	7.600	7.600	.	.
DEC	7.800	8.000	7.200	6.600	6.800	6.600	3.600	4.400
AMMONIUM TOTAL (MG/L)			DET'N LIMIT = 0.002		GUIDELINE = .05 (F2)			
JAN	.018	.006 <T	.048	.004 <T	.068	.004 <T	.006 <T	.004 <T
FEB	.006 <T	BDL	.074	.004 <T	.010	.004 <T	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
MAR	.016	BDL	.098	IIS	.022	.028	.018	BDL
APR	.022	.010	.234	.008 <T	.044	.010	.006 <T	.008 <T
MAY	.068	.010	.	.	.028	.008 <T	.	.
JUN	.108	.002 <T	.096	.012	.010	.012	.014	.012
JUL	.010	.014	.128	.018	.056	.034	.052	.012
AUG	.020	.002 <T	.116	.006 <T	.	.	.028	.004 <T
SEP	.	.020	.462	.016	.050	.018	.012	.012
OCT	.020	.012	.266	.010	.012	.002	.008 <T	.004 <T
NOV	.018	.012	.016	.010	.420	.016	.	.
DEC	.014	.016	.212	.012	.014	.012	.018	.016
NITRITE (MG/L)		DET'N LIMIT = 0.001		GUIDELINE = 1.000 (A1)				
JAN	.007	.001 <T	.002 <T	.001 <T	.002 <T	.001 <T	.011	BDL
FEB	.005	BDL	.002 <T	BDL	.001 <T	.001 <T	.	.
MAR	.015	BDL	.006	IIS	.004 <T	.015	.015	BDL
APR	.012	.002 <T	.002	.002 <T	.001 <T	.001 <T	.010 <T	.002 <T
MAY	.004 <T	.001 <T	.	.	.001 <T	.002 <T	.	.
JUN	.006	.002 <T	.004 <T	.002 <T	.002 <T	.002 <T	.013	.001 <T
JUL	.003 <T	.003 <T	.005	.003 <T	.003 <T	.003 <T	.013	.003 <T
AUG	.013	.002 <T	.004 <T	.002 <T	.	.	.003 <T	.003 <T
SEP	.	.001 <T	.003 <T	.002 <T	.002 <T	.002 <T	.017	.003 <T
OCT	.009	.009	.011	.011	.007	.006	.018	.002 <T
NOV	.003 <T	.002 <T	.001 <T	.001 <T	.005	.005	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
DEC	.004 <T	.001 <T	.004 <T	.002 <T	.002 <T	.001 <T	.009	BDL
TOTAL NITRATES (MG/L)			DET'N LIMIT = .020		GUIDELINE = 10.000 (A1)			
JAN	.195	.190	1.100	.580	.975	.580	1.690	1.670
FEB	.295	.275	.830	.450	.415	.385	.	.
MAR	.235	.215	.615	IIS	.330	.330	2.150	2.160
APR	.220	.270	1.160	.660	.810	.710	1.690	1.660
MAY	.100	.100	.	.	.185	.130	.	.
JUN	.165	.220	1.130	.210	.480	.450	1.680	1.680
JUL	.260	.235	.760	.315	.655	.590	1.460	1.530
AUG	1.680	1.620	.690	.150	.	.	.130	.105
SEP	.	.130	1.580	.595	.675	.545	1.480	1.550
OCT	.110	.130	1.170	.710	.575	.585	1.540	1.610
NOV	.230	.185	.735	.715	.400	.400	.	.
DEC	.105	.125	2.390	.630	.680	.580	1.640	1.600
NITROGEN TOT KJELD (MG/L)			DET'N LIMIT = .020		GUIDELINE = N/A			
JAN	.340	.130	.180	.110	.260	120	.080 <T	.070 <T
FEB	.250	.120	.230	.120	.210	.140	.	.
MAR	.250	.120	.280	IIS	.260	.370	.120	.060 <T
APR	.320	.160	.600	.160	.250	.160	.150	.130
MAY	.420	.220	.	.	.240	.210	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
JUN	.390	.230	.400	.230	.260	.210	.090 <T	.090 <T
JUL	.280	.600	.250	.370	.300	.230	.360	.160
AUG	.140	.100	.380	.210	.	.	.350	.230
SEP	.	.190	.750	.190	.280	.150	.110	.120
OCT	.850	.190	.630	.180	.210	.160	.150	.190
NOV	.370	.180	.240	.100	.420	.160	.	.
DEC	1.070	.200	.490	.130	.130	.130	.120	.070 <T
PH (DIMENSLESS)			DET'N LIMIT = N/A		GUIDELINE = 6.5-8.5(A4)			
JAN	8.090	8.050	8.190	8.130	8.170	8.140	8.220	8.290
FEB	8.150	8.060	8.070	8.050	8.140	8.120	.	.
MAR	8.210	8.060	8.130	118	8.120	8.130	8.260	8.180
APR	8.370	8.330	8.380	8.440	8.440	8.430	8.370	8.460
MAY	8.390	8.240	.	.	8.230	8.210	.	.
JUN	8.330	8.210	8.250	8.270	8.370	8.350	8.490	8.430
JUL	8.290	8.280	8.180	8.260	8.340	8.350	8.400	8.410
AUG	8.210	8.280	8.120	8.190	.	.	8.280	8.220
SEP	.	8.140	8.400	8.410	8.430	8.410	8.460	8.370
OCT	8.250	8.200	8.320	8.210	8.400	8.300	8.420	8.610
NOV	8.150	8.070	8.110	8.110	8.090	8.190	.	.
DEC	8.160	8.110	8.420	8.370	8.210	8.320	8.290	8.290
PHOSPHORUS FIL REACT (MG/L)			DET'N LIMIT = .0005		GUIDELINE = N/A			

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
JAN	.002	BDL	.	.	.	.	.002	.003
FEB	.006	.000 <T	.	.	.	.	.	.
MAR	.006	.001 <T	.	.	.	.	.002	.003
APR	.003	.000 <T	.	.	.	.	.001 <T	.001 <T
MAY	.001 <T	.000 <T	.	.	.	.	.	.
JUN	.013	.001 <T	.	.	.	.	.001 <T	.002
JUL	.006	.001 <T	.	.	.	.	.012	.005
AUG	.001 <T	.001 <T	.	.	.	.	.001 <T	.001 <T
SEP	.	.001 <T	.	.	.	.	.003	.003
OCT	.002 <T	.001 <T	.	.	.	.	.001 <T	.001 <T
NOV	.003	.001 <T	.	.	.	.	.	.
DEC	.007	.000 <T	.	.	.	.	.000 <T	.002 <T
PHOSPHORUS TOTAL (MG/L)		DET'N LIMIT = .002		GUIDELINE = .40 (F2)				
JAN	.073	.002 <T	.	.	.	.	.004 <T	.007 <T
FEB	.093	BDL	.	.	.	.	.	.
MAR	.032	BDL	.	.	.	.	.003 <T	BDL
APR	.045	.003 <T	.	.	.	.	.003 <T	.005 <T
MAY	.021	.005 <T	.	.	.	.	.	.
JUN	.025	.005 <T	.	.	.	.	.004 <T	.006 <T
JUL	BDL	.036	.	.	.	.	.024	.010
AUG	.003 <T	BDL	.	.	.	.	.021	.006 <T
SEP	.	.006 <T	.	.	.	.	.010	.017

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
OCT	.405	.003 <T	.	.	.	.	.005 <T	.008 <T
NOV	.107	.005 <T	.	.	.	.	.	.
DEC	.650	BDL	.	.	.	.	BDL	BDL
SULPHATE ( )		DET'N LIMIT = .200		GUIDELINE = 500. (A3)				
JUL	23.100	24.500	25.200	27.600	38.800	37.300	71.200	71.500
AUG	63.750	65.360	26.050	25.360	.	.	23.030	23.290
SEP	.	25.200	39.900	35.900	39.300	37.800	63.900	64.500
OCT	23.860	26.540	42.780	44.740	40.380	42.740	65.200	65.710
NOV	24.640	25.040	39.760	38.710	34.380	29.320	.	.
DEC	26.690	26.860	45.100	40.960	42.770	45.320	63.670	63.130
TURBIDITY (FTU)		DET'N LIMIT = .02		GUIDELINE = 1.00 (A1)				
JAN	47.000	.130	.610	.130	.290	.210	.350	.690
FEB	39.000	.060 <T	.230	.110	.250	.200	.	.
MAR	20.000	.600	.850	.140	.270	.160	.440	.460
APR	17.000	.090 <T	.850	.300	.330	.280	.440	.770
MAY	1.500	.150	.	.	.230	.200	.	.
JUN	2.900	.180	1.100	.230	.490	.210	.620	.740
JUL	7.600	.360	.430	.390	.650	.570	1.010	1.310
AUG	ICR	ICR	ICR	.410	.	.	4.000	.950
SEP	.	.430	.800	.490	.450	.590	.750	.820

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE						DOANS HOLLOW	
	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
OCT	122.000	.430	.640	.740	.260	.320	1.280	1.200
NOV	34.000	.590	.560	.670	.730	.400	.	.
DEC	200.000 >	.620	.800	.470	.450	.460	.780	.800

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
METALS								
SILVER (UG/L)			DET'N LIMIT = .020	GUIDELINE = 50. (A1)				
JAN	.030 <T	.050 <T	.050 <T	.020 <T	.020 <T	BDL	BDL	.050 <T
FEB	BDL	.030 <T	.050 <T	.120 <T	.060 <T	BDL	.	.
MAR	.020 <T	.020 <T	.400 <T	BDL	.060 <T	.020 <T	BDL	BDL
APR	.030 <T	BDL	.110 <T	BDL	BDL	BDL	BDL	BDL
MAY	BDL	BDL	.	.	BDL	.040 <T	.	.
JUN	BDL	BDL	1.100	BDL	.040 <T	BDL	BDL	BDL
JUL	BDL	BDL	.070 <T	BDL	BDL	BDL	BDL	BDL
AUG	BDL	.130 <T	.130 <T	.030 <T	.	.	BDL	.170 <T
SEP	BDL	BDL	.050 <T	BDL	BDL	BDL	BDL	BDL
OCT	BDL	BDL	.030 <T	BDL	BDL	BDL	.090 <T	BDL
NOV	BDL	.030 <T	BDL	.050 <T	BDL	.030 <T	.	.
DEC	BDL	.030 <T	.	BDL	.060 <T	.030 <T	BDL	BDL
ALUMINUM (UG/L)			DET'N LIMIT = .050	GUIDELINE = 100.(A4)				
JAN	1000.000	50.000	43.000	36.000	33.000	32.000	6.800	7.200
FEB	360.000	34.000	37.000	33.000	32.000	18.000	.	.
MAR	170.000	47.000	66.000	48.000	44.000	46.000	3.500	3.400
APR	1100.000	68.000	72.000	50.000	46.000	46.000	6.400	6.300
MAY	39.000	220.000	.	.	130.000	140.000	.	.
JUN	52.000	140.000	120.000	120.000	110.000	100.000	7.000	7.500
JUL	87.000	210.000	180.000	180.000	110.000	110.000	18.000	18.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE						DOANS HOLLOW	
	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
	TYPE		STANDING	FREE FLOW	STANDING	FREE FLOW		
AUG	6.600	7.700	180.000	250.000	.	.	57.000	210.000
SEP	2500.000	150.000	100.000	100.000	98.000	99.000	8.700	9.400
OCT	570.000	67.000	69.000	47.000	48.000	48.000	7.900	8.600
NOV	1700.000	76.000	44.000	39.000	53.000	65.000	.	.
DEC	530.000	89.000	.	35.000	32.000	29.000	5.300	5.300
ARSENIC (UG/L)			DET'N LIMIT = 0.050		GUIDELINE = 50.0 (A1)			
JAN	1.000	.400 <T	.430 <T	.320 <T	.270 <T	.390 <T	.550 <T	.450 <T
FEB	.850 <T	.290 <T	.420 <T	.290 <T	.310 <T	.350 <T	.	.
MAR	.610 <T	.270 <T	.310 <T	BDL	.150 <T	.240 <T	.270 <T	.210 <T
APR	.640 <T	BDL	BDL	BDL	BDL	BDL	.130 <T	BDL
MAY	.690 <T	.530 <T	.	.	.380 <T	.400 <T	.	.
JUN	.880 <T	.480 <T	.750 <T	.510 <T	.500 <T	.410 <T	.540 <T	.570 <T
JUL	.800 <T	.250 <T	BDL	.150 <T	.310 <T	.170 <T	.490 <T	.510 <T
AUG	.630 <T	.620 <T	.750 <T	.590 <T	.	.	.720 <T	.810 <T
SEP	2.500	.430 <T	.340 <T	.410 <T	.640 <T	.420 <T	1.200	.940 <T
OCT	2.100	.470 <T	.500 <T	.530 <T	.500 <T	.660 <T	.670 <T	.620 <T
NOV	1.500	.340 <T	.220 <T	.340 <T	.070 <T	.320 <T	.	.
DEC	.650 <T	.400 <T	.	.430 <T	.420 <T	.530 <T	.420 <T	.460 <T
BARIUM (UG/L)			DET'N LIMIT = 0.020		GUIDELINE = 1000. (A1)			
JAN	27.000	22.000	43.000	35.000	40.000	37.000	73.000	77.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE						DOANS HOLLOW	
	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
FEB	26.000	20.000	20.000	20.000	24.000	23.000	.	.
MAR	23.000	21.000	27.000	19.000	27.000	25.000	69.000	69.000
APR	26.000	24.000	46.000	38.000	43.000	42.000	78.000	78.000
MAY	20.000	21.000	.	.	23.000	24.000	.	.
JUN	25.000	24.000	28.000	30.000	35.000	33.000	100.000	100.000
JUL	24.000	24.000	26.000	28.000	47.000	46.000	86.000	93.000
AUG	83.000	85.000	25.000	22.000	.	.	22.000	21.000
SEP	27.000	22.000	44.000	41.000	44.000	45.000	89.000	82.000
OCT	39.000	23.000	41.000	48.000	48.000	45.000	97.000	82.000
NOV	35.000	25.000	44.000	41.000	31.000	40.000	.	.
DEC	49.000	22.000	.	44.000	47.000	50.000	86.000	86.000
BORON (UG/L)			DET'N LIMIT = 0.200		GUIDELINE = 5000. (A1)			
JAN	19.000 <T	21.000	16.000 <T	18.000 <T	16.000 <T	16.000 <T	10.000 <T	10.000 <T
FEB	20.000	21.000	35.000	22.000	23.000	25.000	.	.
MAR	22.000	22.000	25.000	21.000	21.000	22.000	11.000 <T	11.000 <T
APR	21.000	19.000 <T	19.000 <T	18.000 <T	17.000 <T	17.000 <T	13.000 <T	11.000 <T
MAY	20.000 <T	22.000	.	.	21.000	18.000 <T	.	.
JUN	43.000	21.000	20.000 <T	17.000 <T	18.000 <T	17.000 <T	10.000 <T	9.800 <T
JUL	24.000	25.000	23.000	24.000	26.000	28.000	44.000	46.000
AUG	17.000 <T	11.000 <T	48.000	22.000	.	.	23.000	24.000
SEP	34.000	51.000	16.000 <T	47.000	69.000	64.000	99.000	65.000
OCT	140.000	57.000	29.000	51.000	23.000	73.000	93.000	28.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
NOV	50.000	68.000	82.000	69.000	29.000	76.000	.	.
DEC	130.000	51.000	.	55.000	52.000	43.000	23.000	66.000
BERYLLIUM (UG/L)			DET'N LIMIT = 0.010		GUIDELINE = .20 (H)			
JAN	.030 <T	BDL	BDL	BDL	BDL	BDL	.010 <T	.010 <T
FEB	.040 <T	.010 <T	.030 <T	.030 <T	.020 <T	.020 <T	.	.
MAR	.070 <T	.020 <T	.030 <T	.010 <T	.030 <T	.020 <T	.030 <T	.020 <T
APR	.050 <T	.030 <T	.020 <T	BDL	BDL	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.020 <T	.050 <T	.	.
JUN	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
JUL	.090 <T	.030 <T	.050 <T	.030 <T	BDL	.020 <T	BDL	BDL
AUG	.020 <T	BDL	BDL	BDL	.	.	.020 <T	.050 <T
SEP	.080 <T	BDL	BDL	BDL	BDL	BDL	.080 <T	.100 <T
OCT	.410 <T	.120 <T	.090 <T	.110 <T	.020 <T	.050 <T	.080 <T	.020 <T
NOV	.090 <T	.120 <T	.120 <T	.130 <T	BDL	.120 <T	.	.
DEC	.190 <T	.070 <T	.	.110 <T	.070 <T	.080 <T	.090 <T	.170 <T
CADMIUM (UG/L)			DET'N LIMIT = 0.050		GUIDELINE = 5.000 (A1)			
JAN	.080 <T	BDL	.170 <T	BDL	.210 <T	BDL	BDL	BDL
FEB	BDL	BDL	.250 <T	.060 <T	.110 <T	.070 <T	.	.
MAR	BDL	.050 <T	.230 <T	BDL	.140 <T	BDL	BDL	BDL
APR	BDL	BDL	.450 <T	BDL	.070 <T	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
MAY	BDL	BDL	.	.	BDL	BDL	.	.
JUN	.060 <T	BDL	.220 <T	.060 <T	.090 <T	.070 <T	BDL	BDL
JUL	.070 <T	.080 <T	.170 <T	BDL	.270 <T	BDL	BDL	BDL
AUG	BDL	BDL	.150 <T	BDL	.	.	BDL	.080 <T
SEP	.100 <T	BDL	.740	BDL	.270 <T	BDL	BDL	BDL
OCT	.100 <T	BDL	.170 <T	BDL	BDL	BDL	BDL	BDL
NOV	BDL	BDL	BDL	BDL	BDL	.240 <T	.	.
DEC	.300 <T	.080 <T	.	BDL	BDL	BDL	BDL	BDL
COBALT (UG/L)			DET'N LIMIT = 0.020		GUIDELINE = 1000 (R)			
JAN	.470 <T	.060 <T	1.100	.030 <T	.090 <T	.060 <T	.290 <T	.260 <T
FEB	.510 <T	.120 <T	.780 <T	.040 <T	.090 <T	BDL	.	.
MAR	.210 <T	.040 <T	.720 <T	.140 <T	.080 <T	BDL	BDL	BDL
APR	.180 <T	BDL	.590 <T	BDL	BDL	BDL	BDL	.080 <T
MAY	.140 <T	.070 <T	.	.	.070 <T	.090 <T	.	.
JUN	BDL	BDL	8.000	BDL	.070 <T	.040 <T	.050 <T	.080 <T
JUL	.350 <T	.170 <T	.650 <T	.220 <T	.230 <T	.260 <T	.080 <T	.160 <T
AUG	.200 <T	.180 <T	.470 <T	.130 <T	.	.	.180 <T	.060 <T
SEP	.610 <T	.070 <T	1.500	.070 <T	.090 <T	.120 <T	.510 <T	.190 <T
OCT	1.300	.060 <T	.240 <T	.050 <T	BDL	.060 <T	.100 <T	.050 <T
NOV	.980 <T	.110 <T	.110 <T	.100 <T	.100 <T	.170 <T	.	.
DEC	.960 <T	.100 <T	.	.090 <T	.120 <T	.180 <T	.090 <T	.170 <T

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT / PORT DOVER / SITE / TYPE	RAW	TREATED	SITE 1 STANDING	SITE 1 FREE FLOW	SITE 2 STANDING	SITE 2 FREE FLOW	DOANS HOLLOW RAW	DOANS HOLLOW TREATED
CHROMIUM (UG/L)			DET'N LIMIT = 0.100	GUIDELINE = 50. (A1)				
JAN	.900 <T	.140 <T	2.100	1.800	.390 <T	.120 <T	1.800	1.700
FEB	.630 <T	.540 <T	1.800	2.100	.420 <T	1.500	.	.
MAR	.500 <T	.190 <T	2.400	2.600	.350 <T	.660 <T	.270 <T	.260 <T
APR	2.700	2.300	3.200	3.100	.600 <T	.410 <T	3.600	2.900
MAY	.680 <T	.780 <T	.	.	.350 <T	.290 <T	.	.
JUN	5.200	1.800	1.800	2.300	BDL	BDL	.260 <T	BDL
JUL	.310 <T	BDL	2.600	2.000	.180 <T	.130 <T	2.800	2.400
AUG	2.800	2.400	5.600	2.000	.	.	2.400	3.400
SEP	6.200	3.300	2.700	5.300	5.900	5.200	11.000	7.600
OCT	18.000	4.800	3.800	7.400	1.100	13.000	18.000	5.300
NOV	4.500	5.700	7.600	6.700	1.200	7.100	.	.
DEC	11.000	3.600	.	4.300	4.400	3.300	1.600	6.500
COPPER (UG/L)			DET'N LIMIT = .100	GUIDELINE = 1000 (A3)				
JAN	2.100	.880 <T	67.000	3.600	33.000	2.100	.430 <T	16.000
FEB	1.800	1.100	67.000	4.000	18.000	1.600	.	.
MAR	1.200	.780 <T	62.000	4.300	14.000	1.700	.470 <T	14.000
APR	2.100	.850 <T	99.000	6.000	11.000	1.900	.470 <T	16.000
MAY	1.500	.930 <T	.	.	13.000	2.300	.	.
JUN	1.200	1.100	85.000	11.000	15.000	3.000	.460 <T	19.000
JUL	1.500	1.400	63.000	7.100	15.000	3.100	.770 <T	24.000
AUG	.260 <T	22.000	75.000	7.300	.	.	1.200	1.400

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1980

	PLANT PORT DOVER SITE		SITE 1		SITE 2		DOANS HOLLOW	
	RAW	TREATED					RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
SEP	4.500	1.100	95.000	5.400	22.000	4.100	.520 <T	23.000
OCT	5.000	.800 <T	72.000	4.600	17.000	3.100	.310 <T	18.000
NOV	4.700	1.100	14.000	2.200	4.700	69.000	.	.
DEC	1.500	1.200	.	5.500	9.900	2.000	.560 <T	13.000
IRON (UG/L)		DET'N LIMIT = 4.000		GUIDELINE = 300. (A3)				
JAN	760.000	4.200 <T	40.000	16.000 <T	43.000	67.000	74.000	70.000
FEB	680.000	4.600 <T	20.000 <T	4.300 <T	46.000	22.000 <T	.	.
MAR	300.000	BDL	17.000 <T	BDL	60.000	58.000	58.000	56.000
APR	310.000	7.700 <T	63.000	31.000 <T	66.000	60.000	89.000	86.000
MAY	52.000	BDL	.	.	43.000 <T	91.000	.	.
JUN	60.000	11.000 <T	17.000 <T	32.000 <T	62.000	80.000	100.000	100.000
JUL	160.000	7.200 <T	21.000 <T	16.000 <T	81.000	62.000	110.000	130.000
AUG	82.000	95.000	45.000 <T	13.000 <T	.	.	100.000	16.000 <T
SEP	730.000	BDL	85.000	34.000 <T	76.000	69.000	110.000	100.000
OCT	1900.000	BDL	62.000	34.000 <T	61.000	55.000	94.000	90.000
NOV	1300.000	BDL	81.000	46.000 <T	13.000 <T	58.000 <T	.	.
DEC	180.000	22.000 <T	.	51.000	83.000	53.000	86.000	87.000
MERCURY (UG/L)		DET'N LIMIT = 0.010		GUIDELINE = 1.000 (A1)				
JAN	.010	.020	.	.020	.	.020	.020	.020
FEB	.010	.010	.	.030	.	.010	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
MAR	.010	.010	.	.040	.	.010	.010	.010
APR	.030	.040	.	.030	.	1BT	.040	.030
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	.030 <T	.030 <T	.	.030 <T	.	BDL	BDL	.030 <T
JUL	.020 <T	.020 <T	.	.040 <T	.	.020 <T	.050 <T	.050 <T
AUG	.020 <T	.050 <T	.	.040 <T	.	.	.020 <T	.020 <T
SEP	.010	.020 <T	.	BDL	.	BDL	.020 <T	.020 <T
OCT	BDL	.040 <T	.	.040 <T	.	BDL	BDL	.030 <T
NOV	.010	.100	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MANGANESE (UG/L)			DET'N LIMIT = .050		GUIDELINE = 50.0 (A3)			
JAN	45.000	.290 <T	2.600	1.700	3.700	7.000	22.000	21.000
FEB	55.000	.360	2.100	.710	4.600	.910	.	.
MAR	16.000	.580	2.800	.930	5.000	7.500	13.000	13.000
APR	22.000	.260 <T	4.000	2.300	6.300	8.300	24.000	24.000
MAY	5.300	.650	.	.	5.500	7.300	.	.
JUN	4.900	.540	4.000	3.700	8.300	8.100	28.000	28.000
JUL	22.000	.930	2.800	1.700	9.700	10.000	32.000	31.000
AUG	25.000	26.000	2.700	1.800	.	.	7.600	1.200
SEP	67.000	.320 <T	5.500	2.000	8.200	9.000	29.000	28.000
OCT	270.000	.770	6.000	2.800	3.500	6.000	26.000	23.000
NOV	140.000	.650	6.300	6.400	1.100	3.600	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
DEC	680.000	2.300	.	2.800	4.500	4.900	20.000	20.000
MOLYBDENUM (UG/L)			DET'N LIMIT = 0.020		GUIDELINE = 500 (H)			
JAN	.700	1.200	.960	1.000	.920	.910	.450 <T	.490 <T
FEB	.680	1.100	1.100	1.300	1.100	1.300	.	.
MAR	.650	1.100	.930	1.000	1.100	1.100	.460 <T	.480 <T
APR	.890	1.300	.910	1.100	.950	.910	.490 <T	.450 <T
MAY	1.300	1.300	.	.	1.300	1.400	.	.
JUN	1.100	1.200	1.200	.950	1.100	1.000	.610	.590
JUL	1.200	1.200	1.200	1.000	.910	.910	.550	.560
AUG	.570	.510	1.300	1.000	.	.	1.100	1.100
SEP	.600	1.200	1.000	.970	.940	.880	.580	.590
OCT	.370 <T	1.100	.830	.720	.810	.890	.570	.490 <T
NOV	.400 <T	1.200	.940	.850	1.100	.920	.	.
DEC	.300 <T	1.200	.	.860	.880	.760	.550	.510
NICKEL (UG/L)			DET'N LIMIT = 0.100		GUIDELINE = 50. (F3)			
JAN	1.000 <T	.470 <T	340.000	.260 <T	.490 <T	.190 <T	2.500	3.300
FEB	1.100 <T	.280 <T	230.000	.140 <T	10.000	BDL	.	.
MAR	.440 <T	.100 <T	240.000	.370 <T	1.900	BDL	BDL	BDL
APR	.680 <T	.390 <T	200.000	.210 <T	2.000	.290 <T	BDL	BDL
MAY	.800 <T	.380 <T	.	.	2.400	.650 <T	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

	PLANT PORT DOVER SITE						DOANS HOLLOW	
	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
	TYPE		STANDING	FREE FLOW	STANDING	FREE FLOW		
JAN	.740 <T	.400 <T	2600.000	3.000	3.500	.770 <T	BDL	BDL
FEB	1.200 <T	.950 <T	170.000	1.000 <T	3.100	.720 <T	.230 <T	.660 <T
MAR	BDL	BDL	160.000	.450 <T	.	.	1.100 <T	.480 <T
APR	2.600	.400 <T	560.000	.690 <T	3.000	BDL	.220 <T	.650 <T
MAY	.670 <T	BDL	55.000	BDL	7.100	.710 <T	BDL	BDL
JUN	.900 <T	BDL	BDL	BDL	BDL	3.400	.	.
JUL	BDL	BDL	.	BDL	BDL	BDL	BDL	BDL
AUG								
SEP								
OCT								
NOV								
DEC								
LEAD (UG/L)		DET'N LIMIT = 0.050		GUIDELINE = 50. (A1)				
JAN	.810	.050 <T	17.000	.330	9.500	.130 <T	.080 <T	.170 <T
FEB	.890	.180 <T	22.000	.460	7.900	.080 <T	.	.
MAR	.330	.050 <T	19.000	.380	1.100	.080 <T	.090 <T	.150 <T
APR	.480	BDL	15.000	.720	.970	.100 <T	.050 <T	.160 <T
MAY	.110 <T	.040 <T	.	.	1.000	.120 <T	.	.
JUN	.150 <T	.120 <T	11.000	1.700	.950	.230	BDL	.110 <T
JUL	.340	.050 <T	10.000	.870	7.500	.170 <T	.070 <T	.260
AUG	.050 <T	.300	11.000	1.000	.	.	.190 <T	.080 <T
SEP	1.500	.030 <T	13.000	.690	4.200	.440	.060 <T	.160 <T
OCT	4.200	BDL	7.200	.530	1.700	.200 <T	.090 <T	.240
NOV	2.500	.040 <T	1.400	.100 <T	1.300	9.000	.	.
DEC	.450	.110 <T	.	.870	3.100	.120 <T	.030 <T	.140 <T
ANTIMONY (UG/L)		DET'N LIMIT = .050		GUIDELINE = 146. (B4)				

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
JAN	.140 <T	.150 <T	.150 <T	.160 <T	.180 <T	.130 <T	.060 <T	.050 <T
FEB	.210	.230	.220	.210	.210	.230	.	.
MAR	.220	.200	.210	.150 <T	.200	.230	.060 <T	.060 <T
APR	.220	.210	.230	.190 <T	.160 <T	.180 <T	.060 <T	.070 <T
MAY	.160 <T	.210	.	.	.190 <T	.180 <T	.	.
JUN	.180 <T	.200 <T	.200 <T	.160 <T	.190 <T	.190 <T	BDL	.050 <T
JUL	.230	.170 <T	.210	.170 <T	.130 <T	.100 <T	.100 <T	.110 <T
AUG	.340	.360	.540	.490	.	.	.450	.580
SEP	.320	.430	.550	.340	.500	.470	.340	.300
OCT	.160 <T	.190 <T	.150 <T	.120 <T	.140 <T	.490	.470	.030 <T
NOV	.330	.350	.380	.270	.350	.350	.	.
DEC	.360	.330	.	.290	.380	.350	.330	.190 <T
SELENIUM (UG/L)		DET'N LIMIT = 0.200		GUIDELINE = 10. (A1)				
JAN	1.000 <T	1.100 <T	1.200 <T	1.400 <T	1.100 <T	.840 <T	.330 <T	.790 <T
FEB	.250 <T	.760 <T	.830 <T	1.100 <T	1.100 <T	1.100 <T	.	.
MAR	.560 <T	1.300 <T	1.600 <T	1.200 <T	1.100 <T	1.800 <T	1.100 <T	1.600 <T
APR	1.100 <T	1.000 <T	1.400 <T	1.900 <T	2.000 <T	2.100 <T	BDL	.440 <T
MAY	.630 <T	1.100 <T	.	.	1.800 <T	1.600 <T	.	.
JUN	.360 <T	.270 <T	1.000 <T	.300 <T	.370 <T	2.200 <T	BDL	2.100 <T
JUL	BDL	1.200 <T	.850 <T	1.400 <T	.300 <T	.350 <T	.340 <T	.930 <T
AUG	.640 <T	.740 <T	1.400 <T	BDL	.	.	.330 <T	1.700 <T
SEP	.310 <T	1.900 <T	.720 <T	1.400 <T	.600 <T	1.400 <T	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
OCT	.900 <T	2.800 <T	1.500 <T	2.500 <T	1.900 <T	2.700 <T	BDL	1.100 <T
NOV	3.400 <T	4.400 <T	4.600 <T	4.900 <T	4.400 <T	5.100 <T	.	.
DEC	2.300 <T	1.600 <T	.	2.100 <T	2.600 <T	3.100 <T	1.900 <T	2.200 <T
STRONTIUM (UG/L)			DET'N LIMIT = .050		GUIDELINE = 2000.(H)			
JAN	180.000	170.000	180.000	170.000	170.000	170.000	160.000	160.000
FEB	170.000	150.000	150.000	170.000	170.000	170.000	.	.
MAR	160.000	160.000	160.000	160.000	160.000	160.000	180.000	170.000
APR	180.000	180.000	180.000	180.000	180.000	170.000	180.000	170.000
MAY	170.000	170.000	.	.	160.000	170.000	.	.
JUN	160.000	150.000	160.000	160.000	170.000	160.000	160.000	160.000
JUL	150.000	160.000	160.000	170.000	170.000	170.000	370.000	370.000
AUG	140.000	160.000	150.000	150.000	.	.	150.000	160.000
SEP	170.000	180.000	180.000	180.000	180.000	180.000	170.000	160.000
OCT	220.000	160.000	150.000	160.000	160.000	180.000	180.000	160.000
NOV	190.000	160.000	190.000	170.000	160.000	170.000	.	.
DEC	380.000	160.000	.	160.000	160.000	170.000	170.000	170.000
TITANIUM (UG/L)			DET'N LIMIT = .050		GUIDELINE = N/A			
JAN	16.000	3.800	9.300	6.600	8.100	7.600	14.000	14.000
FEB	13.000	3.600	4.000	4.100	4.600	4.400	.	.
MAR	9.000	1.800	3.400	1.900	3.600	2.800	21.000	21.000

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
APR	10.000	1.900	6.500	5.300	6.800	6.400	15.000	15.000
MAY	3.400	2.800	.	.	3.000	2.200	.	.
JUN	3.500	2.200	2.500	3.500	4.300	4.000	12.000	12.000
JUL	6.000	2.300	2.500	2.600	6.900	7.000	6.800	7.600
AUG	14.000	17.000	4.600	3.600	.	.	5.900	4.900
SEP	18.000	5.400	9.700	8.900	10.000	10.000	19.000	20.000
OCT	20.000	5.100	9.000	9.400	9.400	5.800	13.000	11.000
NOV	24.000	4.200	9.800	9.300	5.100	8.000	.	.
DEC	9.600	2.400	.	6.200	7.300	7.600	15.000	15.000
THALLIUM (UG/L)		DET'N LIMIT = .010		GUIDELINE = 13. (D4)				
JAN	.010 <T	BDL	BDL	BDL	BDL	BDL	.020 <T	.010 <T
FEB	.050 <T	.040 <T	.040 <T	BDL	.010 <T	BDL	.	.
MAR	.030 <T	.010 <T	.020 <T	.010 <T	.020 <T	.010 <T	.020 <T	.010 <T
APR	BDL	BDL	.020 <T	BDL	BDL	BDL	.030 <T	BDL
MAY	.030 <T	.020 <T	.	.	BDL	.070 <T	.	.
JUN	BDL	BDL	BDL	.030 <T	.050 <T	.050 <T	.040 <T	.030 <T
JUL	.070 <T	.040 <T	.030 <T	BDL	BDL	BDL	BDL	BDL
AUG	BDL	.020 <T	BDL	BDL	.	.	.020 <T	.050 <T
SEP	.020 <T	.020 <T	BDL	BDL	BDL	BDL	BDL	BDL
OCT	.030 <T	.020 <T	BDL	BDL	BDL	BDL	.020 <T	BDL
NOV	BDL	BDL	BDL	BDL	BDL	BDL	.	.
DEC	.050 <T	.020 <T	.	.020 <T	.030 <T	BDL	.030 <T	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
URANIUM (UG/L)			DET'N LIMIT = .020		GUIDELINE = 20. (A2)			
JAN	.590	.100 <T	.270	.230	.280	.280	.690	.760
FEB	.480	.080 <T	.150 <T	.150 <T	.180 <T	.170 <T	.	.
MAR	.420	.130 <T	.180 <T	.120 <T	.240	.200	.650	.600
APR	.700	.120 <T	.380	.290	.360	.320	.690	.780
MAY	.310	.270	.	.	.270	.260	.	.
JUN	.420	.320	.240	.350	.360	.340	.790	.780
JUL	.330	.290	.270	.310	.490	.480	.760	.770
AUG	.740	.800	.290	.280	.	.	.370	.380
SEP	1.000	.090 <T	.400	.320	.400	.370	.740	.660
OCT	.600	.080 <T	.300	.390	.320	.350	.870	.660
NOV	.700	.110 <T	.320	.310	.170 <T	.270	.	.
DEC	.270	.160 <T	.	.330	.370	.400	.760	.740
VANADIUM (UG/L)			DET'N LIMIT = .050		GUIDELINE = 100 (N)			
JAN	1.200	.150 <T	.170 <T	.150 <T	.140 <T	.150 <T	.140 <T	.150 <T
FEB	.980	.130 <T	.120 <T	.130 <T	.080 <T	.050 <T	.	.
MAR	.550	.090 <T	.130 <T	.100 <T	.120 <T	.090 <T	.140 <T	.110 <T
APR	.600	.100 <T	.170 <T	.090 <T	.100 <T	.120 <T	.200 <T	.180 <T
MAY	.220 <T	.180 <T	.	.	.080 <T	.120 <T	.	.
JUN	.200 <T	.100 <T	.120 <T	.150 <T	.160 <T	.150 <T	.140 <T	.120 <T
JUL	.480 <T	.180 <T	.220 <T	.170 <T	.190 <T	.190 <T	.370 <T	.350 <T
AUG	.170 <T	.200 <T	.240 <T	.250 <T	.	.	.340 <T	.260 <T

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
SEP	1.300	.190 <T	.200 <T	.170 <T	.170 <T	.170 <T	.250 <T	.190 <T
OCT	2.500	.230 <T	.240 <T	.200 <T	.200 <T	.130 <T	.190 <T	.180 <T
NOV	2.000	.180 <T	.160 <T	.130 <T	.160 <T	.210 <T	.	.
DEC	.100 <T	.120 <T	.	.140 <T	.160 <T	.140 <T	.150 <T	.150 <T
ZINC (UG/L)		DET'N LIMIT = .001		GUIDELINE = 5000. (A3)				
JAN	3.700	.540 <T	27.000	1.100	14.000	1.200	2.800	2.800
FEB	3.900	3.400	48.000	.920 <T	9.800	.630 <T	.	.
MAR	2.400	1.200	32.000	2.300	13.000	1.000	2.100	2.500
APR	2.500	.840 <T	45.000	1.600	11.000	1.700	2.700	3.500
MAY	1.000 <T	.670 <T	.	.	8.500	1.100	.	.
JUN	1.200	2.900	44.000	1.600	10.000	1.300	2.900	3.700
JUL	1.900	1.600	35.000	1.800	8.300	2.100	1.800	2.900
AUG	2.500	4.100	42.000	1.200	.	.	1.100	1.700
SEP	4.900	1.300	58.000	1.900	11.000	2.200	3.600	4.300
OCT	9.400	.490 <T	46.000	1.000 <T	7.400	1.100	1.800	2.400
NOV	8.800	.800 <T	9.800	1.600	1.400	33.000	.	.
DEC	4.600	1.300	.	1.800	8.500	2.100	2.900	3.200

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
CHLOROAROMATICS								
HEXACHLOROETHANE (NG/L)		DET'N LIMIT = 1.000		GUIDELINE = 1900 (D4)				
JAN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
FEB	BDL	BDL	.	BDL	.	BDL	.	.
MAR	BDL	5.000 <T	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	BDL	BDL	.	BDL	.	BDL	ILA	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	ILA	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

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DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
PESTICIDES & PCB								
ALPHA BHC (NG/L)		DET'N LIMIT = 1.000		GUIDELINE = 700 (G)				
JAN	2.000 <T	2.000 <T	.	1.000 <T	.	1.000 <T	BDL	BDL
FEB	BDL	BDL	.	BDL	.	BDL	.	.
MAR	BDL	2.000 <T	.	BDL	.	BDL	BDL	BDL
APR	2.000 <T	1.000 <T	.	1.000 <T	.	1.000 <T	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	2.000 <T	2.000 <T	.	3.000 <T	.	2.000 <T	ILA	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	2.000 <T	BDL
SEP	BDL	1.000 <T	.	2.000 <T	.	BDL	BDL	BDL
OCT	BDL	2.000 <T	.	..000 <T	.	BDL	BDL	BDL
NOV	2.000 <T	ILA	.	BDL	.	2.000 <T	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
LINDANE (NG/L)		DET'N LIMIT = 1.000		GUIDELINE = 4000 (A1)				
JAN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
FEB	BDL	BDL	.	BDL	.	BDL	.	.
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	BDL	BDL	.	2.000 <T	.	BDL	ILA	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

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DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT / PORT DOVER / SITE / TYPE	RAW	TREATED	SITE 1		SITE 2		DOANS HOLLOW	
			STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	ILA	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
ATRAZINE (NG/L)			DET'N LIMIT = 50.00		GUIDELINE = 60000 (83)			
JAN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
FEB	BDL	BDL	.	BDL	.	BDL	.	.
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	140.000 <T	.	140.000 <T	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	IRE	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

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DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE			SITE 1		SITE 2			
TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
PHENOLICS (UG/L)	PHENOLICS		DET'N LIMIT = 0.2		GUIDELINE = 2.00 (A3)			
JAN	BDL	BDL	.	.	.	.	BDL	BDL
FEB	BDL	BDL	.	.	.	.	.	.
MAR	BDL	BDL	.	.	.	.	BDL	BDL
APR	.200 <T	BDL	.	.	.	.	BDL	BDL
MAY	1.600	1.600	.	.	.	.	.	.
JUN	.600 <T	.400 <T	.	.	.	.	BDL	BDL
JUL	.800 <T	1.000 <T	.	.	.	.	.400 <T	.800 <T
AUG	BDL	BDL	.	.	.	.	.800 <T	.600 <T
SEP	.	.600 <T	.	.	.	.	.200 <T	.600 <T
OCT	.600 <T	.800 <T	.	.	.	.	1.000	.200 <T
NOV	1.000 <T	.600 <T	.	.	.	.	.	.
DEC	.600	.600	.	.	.	.	.600 <T	.600 <T

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER		SITE 1		SITE 2		DOANS HOLLOW	
SITE TYPE	RAW	TREATED	STANDING	FREE FLOW	STANDING	FREE FLOW	RAW	TREATED
VOLATILES								
BENZENE (UG/L)			DET'N LIMIT = .050		GUIDELINE = 5.0 (81)			
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	2.000	.	2.300	.	2.200	BDL	.150 <T
MAY	BDL	.050 <T	.	.	.	.050 <T	.	.
JUN	.050 <T	BDL	.	.100 <T	.	BDL	BDL	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
TOLUENE (UG/L)			DET'N LIMIT = .050		GUIDELINE = 24.0 (84)			
MAR	BDL	ITX	.	BDL	.	ITX	BDL	BDL
APR	BDL	4.200	.	4.800	.	BDL	BDL	.250 <T
MAY	.050 UCS	.150 UCS	.	.	.	.150 UCS	.	.
JUN	.150 <T	.100 <T	.	.100 <T	.	.050 <T	.100 <T	.100 <T
JUL	.100 <T	.100 <T	.	.100 <T	.	BDL	BDL	BDL
AUG	BDL	BDL	.	.100 <T	.	.	BDL	BDL
SEP	BDL	.050 <T	.	.150 <T	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
ETHYLBENZENE (UG/L)		DET'N LIMIT = .050		GUIDELINE = 2.4 (84)				
MAR	BDL	ITX	.	ITX	.	ITX	BDL	ITX
APR	BDL	.400 <T	.	.500 <T	.	BDL	BDL	BDL
MAY	BDL	.050 <T	.	.	.	BDL	.	.
JUN	BDL	.100 <T	.	.050 <T	.	.050 <T	.100 <T	BDL
JUL	BDL	BDL	.	.100 <T	.	BDL	BDL	.150 <T
AUG	.100 <T	.100 <T	.	.100 <T	.	.	BDL	.100 <T
SEP	BDL	.050 <T	.	.100 <T	.	BDL	BDL	.100 <T
OCT	BDL	.050 <T	.	.050 <T	.	BDL	BDL	.100 <T
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
P-XYLENE (UG/L)		DET'N LIMIT = .100		GUIDELINE = 300 (84)				
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	.100 RMP	.	.100 RMP	.	BDL	BDL	BDL
MAY	BDL	.	.	.	.	.	.	.
JUN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
M-XYLENE (UG/L)		DET'N LIMIT = .100		QUIDELINE = 300 (84)				
MAR	BDL	ITX	.	ITX	.	BDL	BDL	BDL
APR	BDL	1.600	.	1.900	.	BDL	BDL	BDL
MAY	BDL	.100 <T	.	.	.	.100 <T	.	.
JUN	BDL	.200 <T	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	.200 <T
AUG	BDL	BDL	.	.100 <T	.	.	BDL	.100 <T
SEP	BDL	.100 <T	.	.100 <T	.	BDL	BDL	BDL
OCT	BDL	.100 <T	.	BDL	.	.100 <T	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
O-XYLENE (UG/L)		DET'N LIMIT = .050		QUIDELINE = 300 (84)				
MAR	BDL	ITX	.	ITX	.	ITX	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	.050 <T	.	.	.	.050 <T	.	.
JUN	BDL	.100 <T	.	BDL	.	BDL	BDL	BDL
JUL	.050 <T	.100 <T	.	.050 <T	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT PORT DOVER SITE TYPE	RAW	TREATED	SITE 1 STANDING	SITE 1 FREE FLOW	SITE 2 STANDING	SITE 2 FREE FLOW	DOANS HOLLOW RAW	DOANS HOLLOW TREATED
AUG	BDL	BDL	.	.100 <T	.	.	BDL	BDL
SEP	BDL	.100 <T	.	.050 <T	.	BDL	BDL	.050 <T
OCT	BDL	.100 <T	.	.050 <T	.	.050 <T	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
STYRENE (UG/L)		DET'N LIMIT = .050		GUIDELINE = 46.5 (D2)				
SEP	BDL	.150 <T	.	.300 <T	.	.150 <T	.	.
OCT	BDL	.050 <T	.	.150 <T	.	.150 <T	BDL	.250 <T
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	.100 <T	BDL	.	BDL	.	.100 <T	BDL	BDL
CHLOROFORM (UG/L)		DET'N LIMIT = .100		GUIDELINE = 350 (A1+)				
MAR	ITX	ITX	.	ITX	.	ITX	ITX	ITX
APR	.600 <T	35.300	.	28.500	.	21.700	BDL	20.600
MAY	BDL	38.500	.	.	.	31.100	.	.
JUN	.300 <T	39.600	.	36.600	.	26.400	BDL	18.000
JUL	.300 <T	48.700	.	35.400	.	33.000	.200 <T	20.200
AUG	.200 <T	16.800	.	40.700	.	.	.300 <T	34.000
SEP	1.500	59.000	.	44.200	.	35.800	BDL	22.500
OCT	.500 <T	48.200	.	38.300	.	37.000	BDL	28.800
NOV	1.100	42.000	.	27.700	.	43.700	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT PORT DOVER SITE TYPE	RAW	TREATED	SITE 1 STANDING	SITE 1 FREE FLOW	SITE 2 STANDING	SITE 2 FREE FLOW	DOANS HOLLOW RAW	DOANS HOLLOW TREATED
DEC	4.300	26.600	.	27.000	.	20.600	BDL	18.100
111, TRICHLOROETHANE (UG/L)		DET'N LIMIT = .020		GUIDELINE = 200 (D1)				
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	.140 <T	BDL	.	BDL	.	BDL	BDL	BDL
JUL	.100 <T	BDL	.	BDL	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	.060 <T	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
DICHLOROBROMOMETHANE (UG/L)		DET'N LIMIT = .050		GUIDELINE = 350 (A1+)				
MAR	ITX	ITX	.	ITX	.	ITX	BDL	ITX
APR	.050 <T	18.100	.	14.800	.	9.300	BDL	7.200
MAY	BDL	15.650	.	.	.	14.350	.	.
JUN	.150 <T	15.500	.	14.100	.	11.300	BDL	8.850
JUL	BDL	18.450	.	13.900	.	12.600	BDL	11.600
AUG	BDL	8.900	.	16.750	.	.	.100 <T	14.600
SEP	.400 <T	19.450	.	16.700	.	14.000	BDL	9.450

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
OCT	.300 <T	15.650	.	12.550	.	13.350	BDL	9.300
NOV	.100 <T	16.900	.	11.950	.	15.000	.	.
DEC	.500	12.850	.	13.550	.	11.150	BDL	9.200
CHLORODIBROMOMETHANE (UG/L)			DET'N LIMIT = .100		GUIDELINE = 350 (A1+)			
MAR	BDL	ITX	.	ITX	.	ITX	BDL	ITX
APR	BDL	3.900	.	4.700	.	3.400	BDL	1.800
MAY	BDL	18.100	.	.	.	3.900	.	.
JUN	.100 <T	7.700	.	4.500	.	4.200	BDL	4.600
JUL	BDL	9.000	.	5.600	.	4.100	BDL	4.200
AUG	BDL	3.500	.	7.700	.	.	BDL	7.800
SEP	.300 <T	5.700	.	5.100	.	5.300	BDL	3.400
OCT	BDL	4.600	.	4.100	.	4.100	BDL	2.300
NOV	BDL	5.700	.	3.700	.	4.200	.	.
DEC	.200 <T	4.600	.	4.900	.	3.900	BDL	3.900
T-CHLOROETHYLENE (UG/L)			DET'N LIMIT = .050		GUIDELINE = 10.0 (C2)			
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.
JUN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	BDL	.	BDL	BDL	BDL

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1968

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	.100 <T	.	BDL	.	BDL	BDL	BDL
OCT	BDL	.100 <T	.	.050 <T	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
BROMOFORM (UG/L)		DET'N LIMIT = .200		GUIDELINE = 350 (A1+)				
MAR	BDL	ITX	.	ITX	.	ITX	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	.200 <T	.	.	.	.200 <T	.	.
JUN	BDL	.400 <T	.	.200 <T	.	.200 <T	BDL	BDL
JUL	BDL	.400 <T	.	.200 <T	.	BDL	BDL	BDL
AUG	BDL	.200 <T	.	.600 <T	.	.	BDL	.600 <T
SEP	BDL	.400 <T	.	.400 <T	.	.400 <T	BDL	.200 <T
OCT	BDL	.400 <T	.	.200 <T	.	.400 <T	BDL	BDL
NOV	BDL	.400 <T	.	.200 <T	.	.200 <T	.	.
DEC	BDL	.400 <T	.	.400 <T	.	.400 <T	BDL	.200 <T
1,2 DICHLOROBENZENE (UG/L)		DET'N LIMIT = .050		GUIDELINE = 200 (B1)				
MAR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
APR	BDL	BDL	.	BDL	.	BDL	BDL	BDL
MAY	BDL	BDL	.	.	.	BDL	.	.

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

TABLE 5

DRINKING WATER SURVEILLANCE PROGRAM PORT DOVER SUPPLY 1988

PLANT	PORT DOVER						DOANS HOLLOW	
SITE	RAW	TREATED	SITE 1		SITE 2		RAW	TREATED
TYPE			STANDING	FREE FLOW	STANDING	FREE FLOW		
JUN	BDL	BDL	.	BDL	.	BDL	BDL	BDL
JUL	BDL	BDL	.	.050 <T	.	BDL	BDL	BDL
AUG	BDL	BDL	.	BDL	.	.	BDL	BDL
SEP	BDL	BDL	.	BDL	.	BDL	BDL	BDL
OCT	BDL	BDL	.	BDL	.	BDL	BDL	BDL
NOV	BDL	BDL	.	BDL	.	BDL	.	.
DEC	BDL	BDL	.	BDL	.	BDL	BDL	BDL
TOTL TRIHALOMETHANES (UG/L)			DET'N LIMIT = .500	GUIDELINE = 350 (A1)				
MAR	BDL	ITX	.	ITX	.	ITX	BDL	ITX
APR	.650 <T	57.300	.	48.000	.	34.400	BDL	29.600
MAY	BDL	72.450	.	.	.	49.550	.	.
JUN	.500 <T	63.200	.	55.400	.	42.100	BDL	31.450
JUL	BDL	76.550	.	55.100	.	49.700	BDL	36.000
AUG	BDL	29.400	.	65.750	.	.	BDL	57.000
SEP	2.200 <T	64.550	.	66.400	.	55.500	BDL	35.550
OCT	.800 <T	68.850	.	55.150	.	54.850	BDL	40.400
NOV	1.200 <T	65.000	.	43.550	.	63.100	.	.
DEC	5.000	44.450	.	45.850	.	36.050	BDL	31.400

THE AUGUST RAW AND TREATED WATER SAMPLES FOR PORT DOVER HAVE BEEN SWITCHED WITH THE RAW AND TREATED WATER FOR DOANS HOLLOW

Table 6

SCAN/PARAMETER	UNIT	DETECTION LIMIT	GUIDELINE
BACTERIOLOGICAL			
STANDARD PLATE COUNT MEMBRANE FILTRATION	CT/ML	0	500/ML(A1)
P/A BOTTLE		0	0 (A1*)
TOTAL COLIFORM MEMBRANE FILTRATION	CT/100ML	0	5/100mL(A1)
TOTAL COLIFORM BACKGROUND MF	CT/100ML	0	N/A
CHLOROAROMATICS			
HEXACHLOROBUTADIENE	NG/L	1.000	450. (D4)
1,2,3-TRICHLOROBENZENE	NG/L	5.000	10000 (I)
1,2,3,4-TETRACHLOROBENZENE	NG/L	1.000	10000 (I)
1,2,3,5-TETRACHLOROBENZENE	NG/L	1.000	10000 (I)
1,2,4-TRICHLOROBENZENE	NG/L	5.000	10000 (I)
1,2,4,5-TETRACHLOROBENZENE	NG/L	1.000	38000 (D4)
1,3,5-TRICHLOROBENZENE	NG/L	5.000	10000 (D4)
HEXACHLOROBENZENE	NG/L	1.0	10. (C1)
HEXACHLOROETHANE	NG/L	1.000	1900. (D4)
OCTACHLOROSTYRENE	NG/L	1.000	N/A
PENTACHLOROBENZENE	NG/L	1.000	74000 (D4)
2,3,6-TRICHLOROTOLUENE	NG/L	5.000	N/A
2,4,5-TRICHLOROTOLUENE	NG/L	5.000	N/A
2,6,A-TRICHLOROTOLUENE	NG/L	5.000	N/A
CHLOROPHENOLS			
2,3,4-TRICHLOROPHENOL	NG/L	50.	N/A
2,3,4,5-TETRACHLOROPHENOL	NG/L	50.	N/A
2,3,5,6-TETRACHLOROPHENOL	NG/L	50.	N/A
2,4,5-TRICHLOROPHENOL	NG/L	50.	2600000 (D4)
2,4,6-TRICHLOROPHENOL	NG/L	50.	5000. (B1)
PENTACHLOROPHENOL	NG/L	50.	60000. (B1)
CHEMISTRY (FLD)			
FIELD COMBINED CHLORINE RESIDUAL	MG/L	N/A	N/A
FIELD FREE CHLORINE RESIDUAL	MG/L	N/A	N/A
FIELD TOTAL CHLORINE RESIDUAL	MG/L	N/A	N/A
FIELD PH	DMSNLESS	N/A	6.5-8.5(A4)
FIELD TEMPERATURE	^{o}C	N/A	<15 ^{o}C(A1)
FIELD TURBIDITY	FTU	N/A	1.0 (A1)
CHEMISTRY (LAB)			
ALKALINITY	MG/L	.200	30-500(A4)
CALCIUM	MG/L	.100	100. (F2)
CYANIDE	MG/L	.001	.20(A1)
CHLORIDE	MG/L	.200	250. (A3)
COLOUR	TCU	.5	5.0 (A3)
CONDUCTIVITY	UMHO/CM	1.	400. (F2)
FLUORIDE	MG/L	.01	2.4 (A1)
HARDNESS	MG/L	.50	80-100(A4)
MAGNESIUM	MG/L	.05	30. (F2)

SCAN/PARAMETER	UNIT	DETECTION LIMIT	GUIDELINE
NITRITE	MG/L	.001	1.0 (A1)
TOTAL NITRATES	MG/L	.02	10. (A1)
NITROGEN TOTAL KJELDAHL	MG/L	.02	N/A
PH	DMSNLESS	N/A	6.5-8.5(A4)
PHOSPHORUS FIL REACT	MG/L	.0005	N/A
PHOSPHORUS TOTAL	MG/L	.002	.40(F2)
TOTAL SOLIDS	MG/L	1.	500. (A3)
TURBIDITY	FTU	.02	1.0 (A1)
METALS			
ALUMINUM	UG/L	.050	100. (A4)
ANTIMONY	UG/L	.050	146. (D4)
ARSENIC	UG/L	.050	50. (A1)
BARIUM	UG/L	.020	1000. (A1)
BORON	UG/L	.200	5000. (A1)
BERYLLIUM	UG/L	.010	0.20 (H)
CADMIUM	UG/L	.050	5.0 (A1)
COBALT	UG/L	.020	1000. (H)
CHROMIUM	UG/L	.100	50. (A1)
COPPER	UG/L	.100	1000. (A3)
IRON	UG/L	5.0	300. (A3)
MERCURY	UG/L	.01	1.0 (A1)
MANGANESE	UG/L	.050	50. (A3)
MOLYBDENUM	UG/L	.020	500. (H)
NICKEL	UG/L	.100	50. (F3)
LEAD	UG/L	.020	50. (A1)
SELENIUM	UG/L	.200	10. (A1)
SILVER	UG/L	.020	50. (A1)
STRONTIUM	UG/L	.100	2000. (H)
THALLIUM	UG/L	.010	13. (D4)
TITANIUM	UG/L	.100	N/A
URANIUM	UG/L	.020	20. (A2)
VANADIUM	UG/L	.020	100. (H)
ZINC	UG/L	.020	5000. (A3)
PHENOLICS			
PHENOLICS (UNFILTERED REACTIVE	UG/L	.2	2.0 (A3)
PESTICIDES & PCB			
ALDRIN	NG/L	1.0	700. (A1)
AMETRINE	NG/L	50.	300000. (D3)
ATRAZINE	NG/L	50.	60000. (B3)
ALPHA HEXACHLOROCYCLOHEXANE (BHC)	NG/L	1.0	700. (G)
BETA HEXACHLOROCYCLOHEXANE (BHC)	NG/L	1.0	300. (G)
GAMMA HEXACHLOROCYCLOHEXANE(LINDANE)	NG/L	1.0	4000. (A1)
ALPHA CHLORDANE	NG/L	2.0	7000. (A1)
GAMMA CHLORDANE	NG/L	2.0	7000. (A1)
BLADEX	NG/L	100.	10000. (B3)
DIELDRIN	NG/L	2.0	700. (A1)
METHOXYCHLOR	NG/L	5.0	100000. (A1)
ENDOSULFAN 1 (THIODAN I)	NG/L	2.0	74000. (D4)
ENDOSULFAN 2 (THIODAN II)	NG/L	4.0	74000. (D4)
ENDRIN	NG/L	4.0	200. (A1)
ENDOSULFAN SULPHATE(THIODAN SULPHATE)	NG/L	4.0	N/A
HEPTACHLOR EPOXIDE	NG/L	1.0	3000. (A1)

SCAN/PARAMETER	UNIT	DETECTION LIMIT	GUIDELINE	
HEPTACHLOR	NG/L	1.0	3000.	(A1)
METOLACHLOR	NG/L	500.	50000.	(B3)
MIREX	NG/L	5.0	N/A	
OXYCHLORDANE	NG/L	2.0	N/A	
O,P-DDT	NG/L	5.0	30000.	(A1)
PCB	NG/L	20.0	3000.	(A2)
O,P-DDD	NG/L	5.0	N/A	
PPDDE	NG/L	1.0	30000.	(A1)
PPDDT	NG/L	5.0	30000.	(A1)
ATRATONE	NG/L	50.	N/A	
ALACHLOR	NG/L	500.	35000.	(D2)
PROMETONE	NG/L	50.	52500.	(D3)
PROPAZINE	NG/L	50.	16000.	(D2)
PROMETRYNE	NG/L	50.	1000.	(B3)
SENCOR (METRIBUZIN)	NG/L	100.	80000.	(B2)
SIMAZINE	NG/L	50.	10000.	(B3)
POLYAROMATIC HYDROCARBONS				
PHENANTHRENE	NG/L	10.0	N/A	
ANTHRACENE	NG/L	1.0	N/A	
FLUORANTHENE	NG/L	20.0	42000.	(D4)
PYRENE	NG/L	20.0	N/A	
BENZO(A)ANTHRACENE	NG/L	20.0	N/A	
CHRYSENE	NG/L	50.0	N/A	
DIMETHYL BENZO(A)ANTHRACENE	NG/L	5.0	N/A	
BENZO(E)PYRENE	NG/L	50.0	N/A	
BENZO(B)FLUORANTHENE	NG/L	10.0	N/A	
PERYLENE	NG/L	10.0	N/A	
BENZO(K)FLUORANTHENE	NG/L	1.0	N/A	
BENZO(A)PYRENE	NG/L	5.0	10.	(B1)
BENZO(G,H,I)PERYLENE	NG/L	20.0	N/A	
DIBENZO(A,H)ANTHRACENE	NG/L	10.0	N/A	
INDENO(1,2,3-C,D)PYRENE	NG/L	20.0	N/A	
BENZO(B)CHRYSENE	NG/L	2.0	N/A	
CORONENE	NG/L	10.0	N/A	
SPECIFIC PESTICIDES				
TOXAPHENE	NG/L	N/A	5000.	(A1)
2,4,5-TRICHLOROBUTYRIC ACID (2,4,5-T)	NG/L	50.	280000.	(B1)
2,4-DICHLOROBUTYRIC ACID (2,4-D)	NG/L	100.	100000.	(A1)
2,4-DICHLORORPHENOXYBUTYRIC ACID	NG/L	200.	18000.	(B3)
2,4-D PROPIONIC ACID	NG/L	100.	N/A	
DICAMBA	NG/L	100.	87000.	(B3)
PICHLORAM	NG/L	100.	2450000.	(D3)
SILVEX (2,4,5-TP)	NG/L	50.	10000.	(A1)
DIAZINON	NG/L	20.	14000.	(A1)
DICHLOROVOS	NG/L	20.	N/A	
DURSBAN	NG/L	20.	N/A	
ETHION	NG/L	20.	35000.	(G)
GUTHION	NG/L	N/A	N/A	
MALATHION	NG/L	20.	160000.	(G)
MEVINPHOS	NG/L	20.	N/A	
METHYL PARATHION	NG/L	50.	7000.	(B3)
METHYLTRITHION	NG/L	20.	N/A	
PARATHION	NG/L	20.	35000.	(B1)

SCAN/PARAMETER	UNIT	DETECTION LIMIT	GUIDELINE
PHORATE (THIMET)	NG/L	20.	35. (D2)
RELDAN	NG/L	20.	N/A
RONNEL	NG/L	20.	N/A
AMINOCARB	NG/L	N/A	N/A
BENOMYL	NG/L	N/A	N/A
BUX (METALKAMATE)	NG/L	2000.	N/A
CARBOFURAN	NG/L	2000.	18000. (D3)
CICP (CHLORPROPHAM)	NG/L	2000.	350000. (G)
DIALLATE	NG/L	2000.	30000. (H)
EPTAM	NG/L	2000.	N/A
IPC	NG/L	2000.	N/A
PROPOXUR (BAYGON)	NG/L	2000.	90000. (G)
SEVIN (CARBARYL)	NG/L	200.	70000. (A1)
SUTAN (BUTYLATE)	NG/L	2000.	245000. (D3)
VOLATILES			
BENZENE	UG/L	.050	5.0 (B1)
TOLUENE	UG/L	.050	24.0 (B4)
ETHYLBENZENE	UG/L	.050	2.4 (B4)
PARA-XYLENE	UG/L	.100	300. (B4)
META-XYLENE	UG/L	.100	300. (B4)
ORTHO-XYLENE	UG/L	.050	300. (B4)
1,1-DICHLOROETHYLENE	UG/L	.100	7.0 (D1)
ETHLYENE DIBROMIDE	UG/L	.05	50. (G)
METHYLENE CHLORIDE	UG/L	.500	1750. (D3)
TRANS-1,2-DICHLOROETHYLENE	UG/L	.100	350. (D3)
1,1-DICHLOROETHANE	UG/L	.100	N/A
CHLOROFORM	UG/L	.100	350. (A1+)
1,1,1-TRICHLOROETHANE	UG/L	.020	200. (D1)
1,2-DICHLOROETHANE	UG/L	.050	5.0 (D1)
CARBON TETRACHLORIDE	UG/L	.200	5.0 (D1)
1,2-DICHLOROPROPANE	UG/L	.050	10.0 (G)
TRICHLOROETHYLENE	UG/L	.100	5.0 (D1)
DICHLOROBROMOMETHANE	UG/L	.050	350. (A1+)
1,1,2-TRICHLOROETHANE	UG/L	.050	.60(D4)
CHLORODIBROMOMETHANE	UG/L	.100	350. (A1+)
TETRACHLOROETHYLENE	UG/L	.050	10.0 (C2)
BROMOFORM	UG/L	.200	350. (A1+)
1,1,2,2-TETRACHLOROETHANE	UG/L	.050	0.17(D4)
CHLOROBENZENE	UG/L	.100	1510. (D3)
1,4-DICHLOROBENZENE	UG/L	.100	5.0 (B1)
1,3-DICHLOROBENZENE	UG/L	.100	130. (G)
1,2-DICHLOROBENZENE	UG/L	.050	200. (B1)
TRIFLUOROCHLOROTOLUENE	UG/L	.100	N/A
TOTAL TRIHALOMETHANES	UG/L	.500	350. (A1)
STYRENE	UG/L	.05	46.5 (D2)